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HDPLO68	372	828826	1 - 2480	15 - 2494		AW970130, AI744083, BF979101, AV709325, AW469184, BF511108, BE539806, BF028438, AA150364, AA236207, BF436941, BF435328, AA150188, AA812205, BF435139, AI417169, AA905150, AI986415, AW189108, AI699342, AA256878, AI472773, AI246457, AA808712, AI921676, AA441955, AA292485, T17368, AI972445, AA514616, AI263744, AW084726, BF734581, T76933, H83780, AA255472, AI138535, FI3101, AA292484, BF911956, R54121, H53524, Z39453, AI474485, AI879806, D63323, AA909498, Z45449, AI383278, N33845, AA236206, AW884411, AA740631, AA193510, BE783178, AV753530, H53525, Z43380, and AC002357.
HHEUU25	373	828922	1 - 2424	15 - 2438		AU130475, AU124575, BE745541, AU137992, BE271687, BG170855, BF057048, BE501252, AI363286, BG163691, AW474958, BG257800, AW439246, BE884153, AI950988, AW594051, AL049112, AW593497, AI655350, AI868802, AI935191, AA002041, AU145883, AW969212, BE349185, AA625272, BE295009, AA564814, AI334349, AA521508, AA831678, AU152068, AI093447, AI221823, AI683495, AI632423, W78082, AI830624, BE858360, AI277244, AA604562, AA948458, AA922990, AW242129, AA373428, T27532, T27533, AL047928, BE468131, BE393563, AW470944, BF933661, AI018432, AA324284, BE771870, AL079583, BF526589, BF793899, AA001835, AW196142, AU120404, AL041249, BE720563, BF686523, AI264786, R14071, AA167058, BE939957, X85660, R40196, AA331947, AW235837, N88270, AA897167, AU125401, AA902298, BE773191, BE706523, X85661, AI907546, AU119575, and AB007885.
HNTBH70	374	828926	1 - 570	15 - 584		BE781119, AA165340, BF674424, AV728265, BF029102, AA021328, AA370261, and BF811117.
HMIAN37	375	828988	1 - 2724	15 - 2738		AL525140, AW994403, BF340540, BF690628, AL525139, BE784612, BG026204, AV721455, BF794837, AV650386, BF970767, BF035901, AI796091, AW070331,

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HPFDI25	376	829071	1 - 1097	15 - 1111	BF206962, BF305074, BF305149, BF439108, AI268268, BE395507, BE385088, AI819416, BF055525, AA947965, BE467664, BE857149, AI688717, AW027310, BF589303, AI336199, BG179674, AW967435, AI672288, BG150003, AI828977, AI421864, BE541981, AA402255, AA456227, AI183357, AI279126, N30912, AI570596, BF002580, AI817223, AI871749, AA534311, AI161234, AI347720, AI672691, AI814234, AI693829, AI459084, BE296960, AA411630, AA236940, AA237089, AI217696, AI758234, AI928989, AA454620, AW268877, AW051826, AA830345, AI168163, W15416, AW014577, AA886902, AA570688, AA906799, AI332391, AW470301, AA436137, AA402751, AI311662, AI276098, AI275571, AI800622, AI082789, AW025981, BF439499, AI094730, AA969974, AA828389, AI991821, BF149343, AA830779, AI206074, AI929238, AI091493, AI268847, AA436029, AI094024, AI693502, AI042392, AI242442, BE152615, AA443110, AI493464, AI000713, AI079484, AA456175, AI924771, AA189004, AV653110, AW575883, W02975, AW013901, AI209029, T54423, AI800570, AA714094, AI167951, AA975695, AA962315, AI269894, AA649829, AW404973, AI095104, N72262, BF740208, AI802488, AW272090, AA455645, AA910903, BE702650, AA189003, AW028777, AA742883, N51630, W39654,

HIBCN93	377	829308	1 - 1492	15 - 1506	AW016632, AW470366, AA406580, AA258745, R77364, AI363506, R77363, AI302897, R54728, AA810983, BE834213, AA960943, T54471, AI262659, H23363, AI283730, AA258381, BE707790, AA290639, AI814229, BE811058, AA290652, R55449, AI971972, AW027262, AI170807, N54133, and AK000540.
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HCUDM68	378	829463	1 - 443	15 - 457	BE396321, BF036529, BF851200, AW965880, BF931017, AA358982, BE561336, BE765106, AI537427, N30547, BE392587, AW853469, AA366279, AW578472, H70995, AW866718, AU133489, H78449, AW366011, BE831795, AV728926, H57449, R32605, T11530, AW866749, AW373812, N39398, R64443, H13461, AW866719, BE765113, AA133688, BF838804, BF891569, BG035180, BE765075, AW866704, BF830002, AW860565, BF737126, AB007934, AB029290, AF141968, AF150755, AK023285, AK023821, and AK023406.
HCFCU33	379	829601	1 - 908	15 - 922	BG028710, BG035531, BG110379, BF035651, AA523735, AA744680, BE394436, AA496102, AI889460, AA884239, AI423208, W52780, AI023220, BE812187, AA232187, AW958033, AW249982, BE812189, BF477516, N49855, BE617457, AV705633, AI377213, AI440471, AA830850, AW967880, AI470085, AW246245, AA806441, AA741266, AI130096, AI273697, AI199436, BF975380, AI028484, AI141114, AI524208, AI261472, AI215922, BE962421, AI281030, AA809356, AI735186, AA588859, BE645876, AA398075, BF431780, AA668868, AA922498, AA826865, AI721076, F26431, AI224934, H69575, AI984011, AA130095, AI963211, AA243109, AA988255, H95065, AW675353, AI378424, AW977897, F28374, AI936240, AA744793, AA809458, AA827659, H62017, AI493433, AA809442, AI266572, H85385, AA835915, BE617905, H41598, AI371682, AA393987, N36218, AA602990, AW474121, AA872643, BF512094, BF678739, BE840806, AA551426, AA368844, BF750755, BE267207, AA877236,

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HTGCM10	380	829736	1 - 2425	15 - 2439		AI041823, BE467375, AI761231, AW994045, BE463559, BE327715, BF345045, AW510945, AW299366, BE219473, BG170479, BG169375, AW770754, AI417765, AI479760, AV728626, AW590764, AI279898, BG260617, BE222429, AI819080, AU134203, AI056340, AA780616, AV727721, BG030791, AA779981, BF437183, AI743364, BE857272, BF212598, BF796095, AU155295, AW078696, AU150586, AI141114, AV753083, AW024166, AA424478, AI148118, AI765647, AI289910, AA633888, AI918018, AA171713, AI333240, AI150609, N24673, AI023244, AI418896, AA410840, AA056568, AW383166, AI335003, AW196351, W03837, AA169352, AW102874, BF096186, AI391460, BE813438, AW779652, BG122208, AI969124, AI254716, H98806, AI078573, N32953, AA411555, AA702783, AI669127, BF127662, AA639534, AW401436, BF096191, AA171996, BF057539, HI3144, AA505988, AA776283, AI370829, BF198053, BF542182, R22333, AA410573, AI699042, AW952865, T63727, AI073874, AA634791, N42110, N55468, AI375283, AA644497, AA235604, BF939871, AA932556, AW172314, R93504, BF096096, T81311, AA165138, Z41227, T32367, R49204, AA341424, AI473397, T32366, H44982, T95436, AI381937, AW514314, R93505, F08063, AW327252, AA171757, AW327608, AW296729, D63291, AA298198, R62852, T95341, BF985753, C17536, N33048, HI7521, BF086035, M62016, AA150946, AI915009, AA169548, N42625, N25026, T49267, D82675, R62803, R25604, T83508, BE185490, AA486982, T49268, AA056719, BE819061, R34248, AA172106, T49305, BF841727, T81839, T49304, T83362, N35464, BE894597, T63879, AI419602, N76843, D82665, AA151038, AW239434, R35574, R35407, AI696209, AA505164, Z21563, AW796727, T80451, BE875489, AK023373, AF131773, AF272035, AB017616, and AI137291.
HFIS05	381	830029	1 - 832	15 - 846		AL520059, BE616627, BE254037, AL528245, BE870744, BE615905, BE781788, BF976294, AL520058, BE782297, BG179702, BE779264, BE897551, BE795389, BE782861, BF204952, BE540475, BG255597, BE885901, BE378101, BG253174, BE615515, AA496201, BE545744, BE617023, AL528244, BE778886, BF697548, BE902405, BF312418, BE542629, BE794107, BF700073, BG254355, BE798090, AI859147, AA496363, AI813431, BF664822, BE869749, BF678149, AW405749, BG025875, AA313838, BE789297, AW578440, AA084467, BF874874, BF311562, AA303551, H02336, AA496637, BE535529, H02444, BE315291, W25124, BF874434, AW886708, N45390, N98369, AW800184, R23517, BE905837, AA282280, AA224128,

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H2CBH25	382	830128	1 - 757	15 - 771	AA307490, BF981824, AW963170, AA361352, AA371254, AL538538, AV734761, BE164286, BE174802, AA760802, AA642332, AA252491, AW967785, AA521086, AW974493, AA128085, AC004049, and AK026323.
HWLFQ55	383	830262	1 - 701	15 - 715	BE867525, AW139432, C75094, AW749328, AP000502, and AF134726.
HWLBK80	384	830339	1 - 535	15 - 549	BE314989, BE903612, BE901232, BF507996, D42047, and U97256.
HWHQR4	385	830348	1 - 981	15 - 995	BE155717, AW383157, AA295728, AW082090, AI469075, AW612887, BE222471, AA809879, AW205375, AW204671, AI440266, and AA983601.
HTTDO45	386	830542	1 - 2018	15 - 2032	AL517117, AL534518, AU125294, AU143452, AU118572, AL517116, BE792113, AU121192, BE793962, AI356346, AA773564, BF435179, BE886334, BE795064, AW149620, BE383734, AI608941, BE748762, BE622370, BF203966, BE790688, AV696007, AI934471, BE733419, BF435252, BE219495, BE791170, AU141523, BG248252, AW166202, BG169497, BF980852, AV653212, BE797475, BG180336, BE295362, BF205555, BE790686, AW248975, AI927017, AI927649, BE892350, BE258769, BE748454, AV653246, BE386198, BF733017, BE277200, AI935538, AI689743, AW237367, BE267474, BF681633, BE386284, AA669837, AV684061, BE265906, BE326704, BE264857, BF315665, AW966083, BE728981, BE270256,

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HRGDD63	387	830829	1 - 485	15 - 499	A1939916, BE676622, D63224, BF852183, BF732785, AW407639, BE676284, AW176021, AW027307, BE675384, BF927677, BF821345, BF821346, BF897211, BF512598, A1814810, A1739298, A1192787, AW004949, AA649240, A1922342, A1306508, BE502916, A1692396, BF433632, BE219592, AA970466, A1458587, A1286059, BE676722, AA367812, A1221716, BG015075, AW839535, AW366594, A1702490, H12163, R35607, R21083, and A1034380.
HTNBX62	388	830831	1 - 1502	15 - 1516	BG169002, AW960796, BE889728, AW188129, AW575807, BF243751, A1912381, AA583054, AA897558, A1590077, A1684598, BF244182, AW129776, AA883062, BF028098, AW958634, W74494, BF210753, AW958635, BE857179, BF111867, BF002282, A1818246, AW958633, AW958638, BF510537, AA195310, A1830442,

HLICA76	389	831204	1 - 2113	15 - 2127	<p>AI359584, W63626, AI916569, BE677241, AW023281, BF732768, BF241853, AA772553, AI217502, AA262968, BF572268, AW674515, AI675033, AI609871, AI371911, AI683812, W79091, AV723017, AI825716, D60020, BF593859, C14696, BE328520, BE467332, AA287921, AI536775, AI088117, AI472912, AA382550, AI375566, AA999820, BE940000, AI828456, AA195194, BF690709, AA972898, C01521, BF941885, BF666762, AA853909, BF694026, AI363877, BE000571, BF593399, BE856804, AW175933, BF668025, AA974815, BF570723, AA337705, BF668860, AA385865, AA382549, AI564274, AA287981, BF216597, BF669879, BE567286, N2320, AI683277, AI199426, AI150537, AI692319, AW861096, AI688735, AW578809, AI680550, AA367467, D79383, R33482, AW337613, AA236312, AI287461, AW856565, AA385900, BF246635, AI048650, BE622721, AW856569, AW856564, AW856570, R34020, AA992535, D81405, BE765787, BF334516, BE766216, BE766046, BF244955, BE766226, BE766300, BE827840, AV652827, AW366818, and BF131969.</p> <p>AI048469, AV652550, AA194999, AW970524, BF184884, AW140072, AW204730, BF433166, AA215680, BE046998, AI631865, AW593881, AI655646, AI971076, AI432147, BF475864, BG121355, BE467238, AI631673, BF475272, AW149689, AI669703, AI829789, AI492434, BF213057, AI521142, BE551662, BE813686, AW614108, BE930767, AI400478, BF433312, AA288026, AW614587, BE502950, AI651180, AI193145, AI081573, AI342508, N28686, AI278064, AI26161, BF954317, BE502323, AW129475, BF960086, N21283, AI341841, AA255856, AI674128, AI399915, BE090810, W96079, T27087, AA215681, AA279589, AA256423, BF959098, BF962893, AI985255, N75153, AA860951, AI797704, AA182828, BF185677, HI5282, BF841001, BF593114, AI225122, W96080, AA227601, AI239883, AW770467, R85595, AA234343, AA227901, N31219, BF435948, AW192261, AA991931, AW083386, BF030377, AA165273, AA182803, AW129480, AI978564, AI282883, HI5283, AA256535, AI309945, BE045834, AA194812, AA234430, Z43797, AA552024, R36319, AA165272, AW175957, AA935846, Z39864, N58817, T27086, F03103, AI048468, R11785, R05490, R49251, Z42889, F02354, AA971119, R05597, BF979218, Z43853, BF836495, AW138352, R20079, AI521685, AA508821, AA506888, BF241824, AA318705, AA283940, AI470509, R41213, R14552, T23687, BF030442, AI267407, AA375965, AI969367, AW852333, BF154650, AW891762, BF826364, BF154653, T18561, AA593122, AW376339, BF953983, R37704, BF090151, AI311382, AV720579, BF826761, BF960414, BF960841, BF090097, BF962097, BF958637, BF090124, AV750326, AI131245, and U66835.</p> <p>BE731629, AU122259, BE253744, BE735052, BE561083, AU117498, BE731156, BE730447, BE745756, BF965935, BE734241, BG027641, BE890764, BF205848, BE734303, BE561409, BF304835, BF206135, BE543446, AI828094, BE896184, BE896040, AU126506, BF204019, AA314161, AA444370, BE867090, AI986034,</p>
HAPOA59	390	831307	1 - 2361	15 - 2375	

					<p>AI768472, BE542801, BG107729, AU147882, BE267434, BF031425, AW957955, AW129954, AA039651, AU151058, BF242739, AU147596, AA444378, AA025822, AW952863, AU159600, AI125818, AA039602, AA432284, AU144308, AI376215, AA931215, AA992138, AI352529, AI500209, AI361672, AA314888, AI005214, BE222753, AI675983, BE328528, BE205956, AV740876, AA070015, H96476, AA977410, T78443, AI086891, AA515679, BE019176, BF912873, AI249434, AA447097, AI274337, AA428629, AA833996, AW873322, AI681656, AA082507, BF943905, AA227125, BE247397, R37636, AW250600, AI687052, AI358677, H96957, AW473153, T91051, AW248442, BF744302, T60627, AW663019, R39054, R55955, AA069905, BF745935, AA342067, R41926, T78356, BE179451, T78507, AW247353, AW627903, T85913, AI589713, BE938647, AA102550, AA661692, AA342066, AW275380, BF743364, AA102201, AW273693, AA384787, T87442, T83773, T81646, AW835581, AW805131, AK022373, AK001317, and AF151050.</p>
HLMMX3 7	391	831314	1 - 853	15 - 867	<p>BE221808, AW024347, AW083151, BE466444, AW969602, AI762204, W68684, AI817645, AW612524, AI492111, AA642933, AW772421, AA759191, AA113168, AI739413, AI829451, AI700345, AA399648, HI2309, AI432082, HI2362, AW137435, AI263207, AI953989, AI263215, AA397734, AA513369, BE906442, and AL049851.</p>
HWLHW6 4	392	831475	1 - 1487	15 - 1501	<p>AI346913, AI738438, AI982979, AI738632, AW965221, AW339063, AI763162, AW593034, AA877557, AI460305, AW192747, BE394354, AW593059, AW572528, AA573810, BF061428, AI432211, BE563844, AW192586, AW338621, AA576730, AW731768, AW631491, BE818471, AW973529, BF529567, AI659952, AI917641, BE818521, AI659962, BE818560, AI982681, AI634256, AA535871, AA618562, AI796661, AA502765, AA085144, AI281079, AW275145, AI432985, AI802757, AI366825, BE818501, AA652901, BE818551, BF475450, AA903524, BF222156, AI034060, C75463, AA405715, AA085096, AW965229, R48347, BF445578, AA907131, AA065003, R48348, R76010, AW389827, AA345978, C75530, AW768812, BE818555, AA405780, AA514519, AA974946, AA069277, Z41149, AI829857, AA151202, Z45442, F08881, F11218, R48251, AI349012, AI669864, BG261383, AI698391, AI401697, BF754990, N29277, BE787720, AW020397, AI670895, BF055899, AI499325, AI318603, BF054877, AW303152, BG030372, AL118781, BG110599, AI539260, AI345778, BG120442, BE881363, AI621341, BE393784, AI619820, AI638644, AW089351, AA749425, AA928539, AI699823, AI741158, AW827289, AI590043, AW051088, AI540674, AA808175, AI491775, AI473536, AI536685, AL036705, AW188525, AV650703, AW268293, F36874, AI250627, AI814594, AI434731, AV734923, BF733056, BE965208, AA587120, AI354998, AI079799, BE011880, BG034146, AV745810, AI921087, AI923989, BE964454, AI370623, AI440238, AI147877, AI956004, AI927233, AW078839, AW073824, AI589428, AI799179, BE818561, BF892007, AI582529,</p>

					AV681924, AL121365, BG180273, AL276014, AL590020, AL686565, AW188840, AI863002, AW089275, AI620864, AI422688, BG026483, T69241, W45039, AW148423, AI244343, AI633125, AL041996, AI538564, AI915291, AI635634, AW152182, N25033, BF527697, AL036780, BF877648, AI582932, AI570056, AF159228, AF131809, AL136531, AK022318, AL389935, AK027096, A76335, AK025239, AK026462, AR034821, AL137480, AX046753, AK025356, M79462, I48978, AK026590, AK026649, AF054289, AF254119, AL080074, AL137557, AF232009, AL390184, AF172400, I89947, AK025435, AB040710, AF130099, U62807, AF177401, AL442082, AK025391, AK000257, AK000414, AL049452, AL137550, AL133559, AF065135, AK026959, AK027103, AL137554, AL390139, AF026124, A91160, AF199027, AL133049, A91162, AR038854, A08456, A31057, AF111851, AL137533, AL137479, S61953, AK024588, AK027082, AF200464, AK025857, A08907, AL133637, A08913, Z97214, AL133623, AK026506, AK026613, A20553, AL157464, A08912, I32738, AL137555, U35846, A08911, X81464, AB016226, AK026894, AK025209, AF116654, AL080139, S82852, S77771, AL110225, U92992, AF116691, AK026528, E03671, A77033, A77035, AF132676, AK025860, AF061836, AF079763, AF111849, AF185614, D00174, AK024747, I09499, AL110224, S76508, AC006112, AK025889, Y16645, AK027121, I33392, AK027173, AK027164, AF114784, A58545, AL359623, AL136842, E02221, AB030279, AJ005690, U75370, AL157480, AL390154, Z13966, A49139, AK026927, X99971, AL110269, AF077051, AK024524, AF119899, AB048881, AK025084, AB048954, AF116644, AF130082, AL137294, A08910, AL355701, AF179633, AL050170, A08909, AX046716, AB047941, AL117416, AK026762, A93350, AL110221, AF124728, AF060555, AX010492, AL050155, A08908, AF145233, X66871, AL117587, AJ299431, AK000137, E12580, AL110296, AK026741, AL355719, AF047716, AR085693, I18358, AK025708, AF079765, AL389982, AL080118, AF113694, AK024533, AF130055, AF087943, AF089818, AL442083, AK026844, AK025119, AB048975, AF169410, AL080156, X93328, A03736, AF019298, AL441883, E12747, AL133560, AL137627, AK024992, AF116609, M85164, E01314, AK024944, AL110158, AL117457, AX040958, AL023657, AF202636, AF130110, AR068466, AF227198, U88966, A48221, AF107018, Y14314, Z35309, AF026816, A18777, I89931, AL122110, AK026542, AF031903, AK026870, AF217989, AK026057, AL050277, AR029490, AL137258, AF217973, AK000418, AK027142, AK026038, AL050092, AL137530, AL157433, AL137267, A48220, I08319, X53777, AK026857, I89934, I89944, I00734, AL137537, AR087170, AR094308, AK027081, AK026504, X00474, and S36676.
				15 - 1048	AW969499, AI972460, AI341541, AW117403, AA503530, AI801928, BF437835, AA652990, BE223037, AI023577, AA493335, AI301379, AW242107, AW205773, H47985, AA399603, AV648259, AV648284, AA397807, AV648519, AA151955, R85968,
				1 - 1034	
			831577	393	HHERA41

HFXT43	394	831638	1 - 955	15 - 969	AA463729, AA465518, R42109, AW972376, N40083, BF903023, A1032195, C21006, BF885212, BE546224, BG259386, and AA948774.
HE8CL14	395	831872	1 - 2553	15 - 2567	AL120900, BF347826, AA235268, A1123315, BE090603, BF904457, BF347684, AL048805, AB002303, and AC018764.
					BG260876, BF793455, AV723596, AV706288, BE218018, AA193348, AW006940, AW970408, BE670613, AA287444, A1697530, AV724515, AA778715, A1912652, BG057678, A1337845, A1031941, AW028146, A1219839, A1239899, AW149133, AW296657, AA868439, BF511087, A1130017, A1761475, AA689396, BE645076, AA748665, AA535607, AA687414, R15368, A1039529, W78107, R84945, R97223, W79932, AA809715, AW195631, AA630124, AA164390, A1276374, H12382, A1381532, R36669, H12331, R97224, AW027809, R36227, AA382264, A1351706, R36228, H47986, BF445571, AW297460, BE835849, BF926881, AA193466, R39751, R58394, AA149874, and AF189251.
HLWFI59	396	832119	1 - 1254	15 - 1268	AV708798, BG118622, BF971584, BF342096, AV708329, R18293, AA463262, AA463615, AW160405, BF726027, AW207311, AW606708, BE465419, BE566680, AW993446, AW407583, T81621, R01539, and AK024966.
HAIJCQ05	397	832451	1 - 949	15 - 963	AL528286, AL532614, AL520144, AL522268, AL524039, A1675158, A1583939, BF316514, AW731886, A1871134, BE304483, AW084129, BE262765, BF448560, AA846540, AA036794, AW519299, A1500206, AW007351, R82234, AW001278, BF568964, AW878040, R60553, AA477048, AA476936, AA595354, AA757328, AW997324, BF568205, AA371948, AA036769, AW273842, H61179, BE379439, BF034979, AL528287, AL532439, A1700260, H91896, AL526465, A1337139, AW770188, AA036762, T11235, AL530848, A1735154, A1056619, AL520145, AW073008, AA373830, T10652, AA961999, H92351, AL525381, BE901312, BF311342, and BE800002.
HAGHC54	398	832485	1 - 819	15 - 833	BF184463, BF242917, H81182, BF831861, BG150237, BE889832, H91282, R66741, H53265, H53264, AA526672, H53769, R63025, H54405, AW516781, R71007, H54489, AA436320, AW861314, AW372386, AW372389, AW372388, AW372392, AW372390, BF762490, AV724984, H53822, AW955465, H81181, AW384098, BF507383, AA305047, BE673529, AW301702, BF961763, AA468784, AK026843, AL023583, AC005777, AL034582, AL020990, AC005954, AC002508, AC005245, AL365214, AL035693, AC005018, AC010082, AC003046, AL031284, AF013593, AP002022, AC005859, AD000813, and AC005089.
HULAY53	399	832587	1 - 700	15 - 714	AW954167, AV717830, BF248287, BF698595, BF692401, BF210704, BF207735, BF666588, AU131933, BF212100, BF571655, AU126660, BF700418, BF701066, BF670597, BE892318, AA313892, AA173369, BF691437, BF983929, AV703253, BG260422, BE618017, BG179172, AW405000, BG035796, BF797413, BF977552,

HE9DL48	400	832624	1 - 457	15 - 471	<p>BE748153, BE748567, BG163833, BG025219, AA479643, BE564006, AW583013, BE379103, BG121908, BE312121, BF673665, BF210095, AA308103, BF238492, BF978206, BG026795, H47080, AA477100, BE250803, BE566005, AA401012, BE790765, BF240110, BE887513, AA401099, BE561090, BF317140, BE783114, BE467660, BE788596, R98575, AA088505, BF690869, BG031640, BE742316, BE746047, BF692604, BG025804, BE383477, BF693815, BF210316, BF983856, W00676, BE736890, BE815258, BE963323, BE007588, BF209922, H70693, BE563285, BE250230, BF239218, BF238963, BF692228, BG032907, AA287074, BE743393, BF132281, BF211889, AA421366, AV747697, W42983, BF591604, H23877, BE618571, BE566863, BE905026, BF977787, AA322157, H82450, H78773, BE277528, AA158600, R80833, AA721698, AA526825, N27821, BE467037, BE868395, BG035545, AA149110, AA035404, AL523940, BE262151, BE882471, AA158621, W02947, BE906295, AW064022, BF899392, N73359, AW961128, AA187062, AA130211, R98296, N93427, C03853, N88492, AA340920, AW883486, AA513784, H65548, BF130880, BE818498, H91239, AI565802, AA541790, AI188269, AI338742, AA380545, AI041177, AI857704, AI421860, N42658, AI608962, AA133994, AW067700, AW081990, D20716, AA857480, AW778961, AA345017, AI189800, AI979046, BF669840, BG057256, AA340603, W04169, BF218938, N92521, AA121112, AV709866, BF572628, AA100939, BE007654, W38968, AI735040, BE925972, AW072841, AW131162, R11548, AA555043, BF382596, N35914, AA149111, N87271, AA847298, AA010121, AI038076, AI333478, R11537, AI336156, AI160310, AI494501, AV746870, AI672758, AI369296, AV728699, N83545, AI333476, AI126897, AI749360, AA341429, R92244, AA669504, AA089586, N43981, AI088643, AI718389, BG026981, AA703207, F36640, F20628, AA694227, AA502645, N86420, N26049, BE299069, AW273893, AA088451, W21469, N34652, F26081, AA064910, AA860645, AA694117, AA284531, AI420366, BE833135, AA448241, AI469668, AI189806, AI636826, AI033719, BE250749, F20597, AA477331, AA575937, AW511922, N53859, N31599, F36132, H98101, AI186260, N47052, AA112059, AI193952, N32788, BF814890, AA065188, N86264, AI340972, AA576225, AI034254, AA916347, BE262363, BF733136, AA654495, U09813, AI139095, and U51167.</p>
HFKEH50	401	833067	1 - 1663	15 - 1677	<p>BG257927, AW590657, BE879400, AI768979, BF795563, AA314374, BE242597, BF761254, BF761247, AL526855, AW961210, AW939345, AA580098, BE731068, AA313261, AW961206, AA233499, BE276849, AW594006, BE242254, AW408727, AI751632, AA300475, BE387790, and AK000294.</p> <p>AL515814, AL515776, AL520605, AL515815, AL525649, AL515777, AL534165, AL525747, AL534166, BF313091, AL520606, BF342613, AI064806, BF344711, BE742923, BE797091, BE898647, BE856301, BE263819, BF528629, BF737142, BF685049, AI140344, BF063934, BF244655, AI763061, AW340290, BF683133,</p>

					AI659614, BE795356, BF036962, BE929854, BF310103, AV752738, BF034915, BE798202, BE904852, AW193974, AI554886, BF316436, AI086027, AA410368, AI937139, BE274089, AI218197, AA918821, BE312226, BF314999, AV645326, AI336469, AA829365, AW207732, AW473975, AA577435, AW402756, AW070946, AV723824, AI610462, AA722774, AI903581, AI880283, T90764, H22929, BE540568, AI623603, AA404313, R54057, BE260879, AA404713, AA912779, AW168607, AA079100, BF092248, AA609213, AA406191, BE673415, BE350786, AW952354, AA923714, R54056, AA325220, H24109, H70703, AW750290, W81523, AA330197, AA293154, AW590611, BF880685, BF837510, AI218895, AI198020, BG258381, H08723, BG002684, AA649195, AI672973, H08439, AA927962, AI873660, BF086702, T09449, AA774521, BE044401, AW794716, BF767735, AI902460, AI383372, AI204653, AI361791, Z39695, BF245003, AI187740, AA079003, AI903535, AI867628, BF847373, BF854730, AI689520, AW297870, BF965605, BF678079, BE535674, F02166, BE547512, BF847264, BF804160, BF115405, AA477404, F04433, BF541812, T83213, BF767508, AW797192, Z42682, AA335484, BF733974, AA430434, BF804096, AA479566, RI6340, BF847254, Z19095, R41416, Z45578, W81639, BF833057, AA971991, AA453110, AI902445, R87881, BF917644, AI564885, AI811209, AW083638, AI568516, AW376204, AI755186, AI523835, BE766985, BG165048, AI627893, AW008226, AI440284, AI954721, AI364589, AI934011, AI688858, AI539800, AA659690, AI540179, AW129264, AI932739, AI829432, AI270448, AI719817, AI873604, AI141406, AI885982, AW081383, AI824746, AI269469, AI274655, AI287252, AI678446, AI866893, AI890183, AI689157, AI802244, AI476478, AI266652, AI799968, AI628325, AK000833, AF226048, AJ289857, AL110160, AJ297977, AJ289848, AJ289856, AJ289847, AJ289849, AJ289842, AJ289846, AJ289851, AJ289852, AJ289844, AJ289855, AJ289854, AJ289853, AJ289850, AJ289843, AL050149, AF183393, AF061981, A31001, AF136009, AL133619, AJ299431, AL080159, AB040710, AR038854, AK000027, AF314091, X99971, AF122922, AL050366, I80062, AL133062, AK027209, A45787, AF199027, Z14122, AK026462, AK000418, Y14314, AF124728, AF217973, AL138832, AL050138, AR094160, AF131821, AK000484, AF000167, AC004805, AL157479, AF204760, AL080154, X68497, AX030362, M76612, AL133559, AB011076, AF267739, X99270, AK025738, AL137682, AP001601, and AP001698.
				15 - 2120	AI515964, BG248539, BE383293, AW952398, BE876088, AW968514, AA481480, AA292243, AW007814, AI936957, AA524286, BE855621, AI863909, AA291405, AA482101, AI338746, AA480134, AI094613, AI096869, AI340064, AW057831, AW005778, AW516744, W94068, AU149162, BF811939, AI360977, AI421557, AI515965, AI922132, AI361016, AI922862, AW188664, AA770298, AI888216, AI566341, AI146352, AI357394, N25476, N94480, AA551238, AI086723, AI034063,
				1 - 2106	
	402	834541			
HUSXK49					

HTSFU12	403	834610	1 - 640	15 - 654	<p>AI359797, AI922424, AU139823, AW131152, AI362874, AA287465, BF432411, W94067, AI445988, AI360188, BF475441, BF508609, AI040574, AW071542, AI423481, AW087313, BG056533, H65453, BE964668, AA400811, AA873767, AI421759, N20109, HI7205, AA470698, R52191, AA401003, AV701965, AI037116, AA291836, AI356823, AI271977, BF980704, T58139, AA679957, BF214227, F11692, BE813293, BF939399, M79269, M79166, BF805411, AA480986, AA505288, AW166753, H64855, BE867938, AA287330, AI085523, AA481718, AW380122, AI936830, BE383758, AI582908, BE245999, HI7104, R52096, AW191028, R46499, AA853935, AI880712, AA481002, BF447091, AW058498, BF755009, F09352, AW236108, BF508271, AA305557, AW362526, AI263664, BF751874, BF981684, AA300794, AA570059, AI183653, AI913894, T63077, BF057036, R21402, AV659818, AI193950, AI364237, F30056, D54296, BF876419, BF449072, BF753185, Z44982, AA428538, AA095376, AW886787, Z40719, R21940, AA789159, H43298, AA398890, AA524336, BE931183, N31573, AI037115, N42586, AA401670, BE763347, D81182, AA953460, AI368429, AA864269, AI024382, AV706318, AI648405, AA921717, AW054979, T06812, BE931184, AA744883, R22588, AI613427, BF508268, AW993553, AI598125, AW993667, BE931181, BF034856, BE907503, AI867824, AI739102, AIU155736, AA665659, BG060060, BF872254, BF752405, R45865, BF206436, AW379806, BE934289, AA770113, AU125523, BE876343, AL049539, and D87444.</p> <p>AV645797, BF576372, BE875854, AI814466, BG056208, AA641625, BF590255, AI207769, AA769330, BF439433, AV739607, AW952859, BF057456, AI523978, AA778120, AI126087, AI818767, AA521036, AI761020, AI356487, AV743366, AA056741, AI492657, AI129903, AA806392, AI066491, W75955, AI421680, AI419209, W69164, AI478752, AV741200, AI492658, AI436418, D19625, W80846, AI754924, F36670, AA301711, AI494483, AI208665, AA836089, F22593, N29686, W80797, AA147362, AA988305, T30433, N56696, AV741023, AI188587, AI568721, AW268728, W72859, AA341743, AV735356, AI453018, AI702981, AI832770, AI418592, F22210, F33298, AI093545, AI927404, AA595920, BF880862, C17866, AA365845, AI453017, BF216971, AW001063, F27098, F24313, AA309787, AA894545, F27921, AF151025, AF077197, AF054825, and AC004098.</p> <p>BG259399, BF307397, BE904641, BF308750, BF038514, BE298533, AI005028, W72694, BE551307, AI697515, BE218764, AU121500, AA622527, AA029760, AI701511, BE219529, AW339103, AA447650, BF353565, BF116187, W77809, AI769081, AI341093, AI360836, AU147300, AA136867, BF114827, W93881, AI283783, AI192892, AA030016, W02154, BE677375, AW206855, AV706621, BG056759, AA044298, AA136797, AI040302, AI086876, BE712689, AI376650, AW129652, R83741, R56757, W32488, BE712527, AI469894, AW015059, AI769127, T51127, H23334, AA448054, BE261534,</p>
HELM15	404	834810	1 - 1559	15 - 1573	

					BE712068, H23221, Z42428, AW592431, AA843467, BE711595, R36957, R53400, A1420084, AA044125, R83586, AI349597, AI349234, W94152, A1247576, AW073678, T46846, AA328802, R53994, AI383570, BE149945, R56909, BF820586, T17042, R39074, AW946174, BF379206, AW438998, Z38633, AW946214, AI659755, AW874504, AI863779, BF698572, BE693226, R11839, BE079713, BF892930, AL529727, BF889327, AW877263, AK022195, AL139339, AF131810, AR081887, I80055, AR081888, and I80056.
HTEIP13	405	834931	1 - 799	15 - 813	AW001355, AA426091, AW182920, AI698237, AA844647, AW592578, AA436649, AA936263, AW072458, AA678521, AA442457, AC005789, and AC005625.
HDOHB46	406	835271	1 - 1334	15 - 1348	BF061943, AW812433, AV713655, AA304148, BE185725, AB013924, and AJ005766.
HCETE50	407	835488	1 - 1582	15 - 1596	AW957127, AW953197, BE699177, BF362475, H18763, H19382, T08941, W28724, H20445, H05887, H21009, T33258, Z43127, H06032, BF362457, H14789, H09417, BE840978, R18477, T31649, BE841097, R21591, Z42039, Z44001, H10688, R21592, T80521, R14159, AA319395, AA670416, BF946986, and AB047631.
HDTBO48	408	835717	1 - 1550	15 - 1564	AI684877, BF983903, AW849899, AI621094, AA521019, AI382190, AW959071, AW959070, AW297076, AA261967, AA521108, AW503885, AW849783, AW976127, AA749367, BE165960, BF351343, AW607556, AW756824, AA767511, AW501974, BF359614, AW195175, AW504264, BE621581, AA385374, AV750803, BE173541, BE707720, BE244488, BF893281, AX047350, and J03535.
HODGL01	409	835896	1 - 915	15 - 929	BG035761, BG057691, AW167686, AI244908, BG230729, BF846088, AI991247, AV692057, AI830013, AA399299, AW029184, AU155137, AI968957, AW150717, AI680350, BF197851, AI287311, BG236203, AA018793, BF514189, AA399126, BG236059, T72915, R70366, BF689110, BF847901, AV687419, C01453, R69417, H86424, T64602, Z17845, BE048635, AA477095, AA001218, AA292279, BF342895, AW939909, AW055348, BE221910, AW591420, AI693898, AW938809, AW362678, AI924575, BF879356, AI758498, BF036475, AW664221, AA001177, AI955496, AI537441, AC004552, and AX022287.
HE8TO35	410	835965	1 - 2304	15 - 2318	BG114804, AV718161, BG119784, BG115294, BG163956, AV752850, AW362005, AL537244, AA425593, AW579708, AA193122, AV732860, AA778426, AW367244, AW856936, BF377273, BE675130, AW292921, BF978611, AA194252, AI937228, W63710, AI222740, BF349929, AI348188, AW856088, AW665835, AW005582, AA025880, AW959277, BF333804, AI753237, AI417243, AI339985, AI139606, AI972128, AI126585, W52543, AA829354, AI088259, BF333819, AI302240, AW675446, AI078819, AW857034, AI628857, AW005637, BF789386, AW516855, AI083537, AI299395, AA035526, AI492529, AA932845, BF969574, AI682947, BF375157, AI334135, AI923621, AI268859, AA425629, BF818440, AI635633, BF804458, AI022376, BE350523, AI580195, AI085676, BE547828, AI138968, AW102884, BF333807,

					AI920867, AA005425, AI240384, W52544, W39677, AI087384, BF333811, AA227905, N49885, BE539364, AI933336, AI670129, AA232843, AI221780, AA253379, N98508, N71409, T60255, BF761279, AA004925, AI066394, BF811217, AA311893, AW571609, AI302764, BE884442, H29427, AI080166, AA808646, AA844294, AI299456, AW265722, AI147714, AA464423, AI342664, BF807121, AA765193, AA293625, AA876118, AI074827, R60024, AA233282, AW302271, AI693779, H43349, AI245406, BF929843, AI446122, R24873, BG118726, H12893, AA995705, AA005426, AA934521, AI753445, AI445689, AI061151, R60084, AW366962, R44689, H38317, T90537, W44818, AA253378, H43212, AA193460, H78422, AW378644, AA934622, N99734, AA974340, BE049268, AI949379, AW102871, AA719170, AA807276, AW149309, AA464422, H78222, AW265649, H40537, R68103, AI277059, H43181, AA430350, T34512, AI076849, AI092386, AA347001, T81330, AW589372, N42654, H26609, R43362, BF735808, BG231066, Z40090, BG248899, AA334085, Z42420, N31595, AW378680, R21027, R68147, AW468701, AA257048, H58243, AW058593, AA004926, H38286, H12894, AA886683, F02035, BF593823, BF131565, AI559907, AL134712, F05789, AW062917, H43311, N49990, AA295950, AI364249, AI080028, R52133, BF748425, AA778257, D82555, BF804455, AW379516, T81506, AA347002, R52222, BF377711, BE002789, BF735672, T83072, BE005358, H26654, BE082628, AA227588, BF092102, BE774491, R19441, BF092109, AI382725, AA169731, BF807108, AA936648, F01928, BF858654, W31073, AW367337, F06985, AW378675, BE765476, BF858661, BE082824, AW864790, BE766279, AA946635, BE709973, AW383268, BF917259, T61637, AW997055, AA304629, R17644, AI002910, AW996944, AW383275, AW996855, AW383260, AW383146, T24808, Z99943, AK024700, AX013163, and AA425423.
HOHCB06	411	836191	1 - 605	15 - 619	AU133135, BG168529, AU125669, BG003223, BF996340, R47419, AK001707, and AK022708.
HZCBN10	412	836762	1 - 1195	15 - 1209	AA307802, BE167429, AW847394, AW609384, AI523577, BF367034, AI743228, BF332768, AI492174, AI798703, AI084062, W22441, AI003575, AI355318, AI452975, BF512149, and AI470192.
HBINB08	413	836997	1 - 2280	15 - 2294	BG168908, BE669599, BE559886, BE671245, AL039242, AW574499, BF035202, AI817157, BE551031, BG058530, AI742018, AW504483, AI685441, BE549639, BE869110, AW500613, AW503295, AW513121, AW167429, AW500336, AV661781, BF446667, AA587395, AI961516, AW575813, BF438087, AW364816, AI765818, AA584374, BE799849, AI651724, AI800997, AW937184, AW575819, AW438897, BE503201, AW503486, AI637483, AI829845, AW009504, AW504274, AW518691, AW272519, BE267561, BF891128, AI279109, AI276513, AW166344, AI143557, AI273342, W56046, AI185723, AI471654, AW501952, AI281077, AA190380, AI310063, AW503285, AA159740, AW004740, AA280638, N73283, AA132689, W86235, AI689171,

					AI735565, BG036831, AA836560, AW130761, AA522514, AW129199, AW364811, AA625247, AW572342, N91945, AI224939, AA282004, AW364805, AI431950, AV661906, AA159610, AA580462, AW407894, W00701, AA541247, AA564425, AW295551, AW768660, AW504085, AA862370, BF801898, AA627299, BE463915, AW451417, W07451, BE300058, AA022631, AI796881, AA936243, AW605271, BF087798, H20906, AI216092, AI689636, F02785, W02331, N68375, W02301, AA723803, AW579427, T36036, AW408204, BF931164, BF804743, AI940700, W86262, ZA3375, N69053, AW008968, F09459, BE707039, N41561, AA376661, AA580447, F11811, AA836418, AW505030, AA642416, AI866285, ZA5807, AA533194, AA456569, BF798123, AW272544, AA022778, AI696746, AA553695, AW051076, AW062930, AI439991, AW449051, AW770179, AW605256, F08564, AW768397, N81090, AI625463, BE925275, BE814396, AI401779, AI611677, BF446360, AW856279, AA978095, F04771, N73077, AI939992, F04674, AW401415, BF827507, AI301465, Z20150, BF512890, AW795379, AW407546, AI269788, BE832751, AW753775, BE974107, AW879506, AW874245, AA190789, AW805911, BE769247, AK025282, AB018289, and A74692.
HHAMF80	414	837474	1 - 803	15 - 817	AL526596, AI526715, BF672476, BE874145, N67509, AW606346, Z19454, AI421808, BF686638, AI421699, AA906877, AI128103, BG150321, N55943, BG023772, AF114494, AF162707, AF114493, AF266850, AF266848, and AF266849.
HDPUR66	415	837522	1 - 829	15 - 843	BE254640, AA088854, AA852449, AW380030, BE775113, BF753622, BE144774, BG115298, AW083330, AW753578, AF227905, AK023671, and AF200359.
HBWBX66	416	837523	1 - 735	15 - 749	BF880772, AA333308, BG115298, BF370277, BE144774, BF800471, AA085901, AK023671, AF227905, and AF200359.
HMHBR95	417	837526	1 - 670	15 - 684	AW574753, AW007117, AI348176, AA621833, AI829871, BF732563, AI280136, W96330, AA748366, AW968242, AA255609, AA948690, AA018866, T23657, H85940, H85573, AA017115, R85834, AA018636, AI022939, AA017238, AU134521, BE269699, AL536302, AB031051, AF104334, AL357033, and AK023410.
HEGAU68	418	837527	1 - 491	15 - 505	BE389141, BE389626, BE391847, BE390520, AA057228, H85626, H39014, BE937870, BF725625, H37972, AI907720, and AA013159.
HMEAD61	419	837597	1 - 2649	15 - 2663	BE729647, BE789481, BE386405, BG258301, BE515074, BE280391, AI459129, BE644930, AI660728, BE894488, AW749978, AW169336, AW370341, AA719364, BF439379, AI361918, AW188152, AI690424, AW452738, BE904978, AI810025, AA281766, BE890960, AI150426, AI587146, AA630686, AI160979, AI741787, AA634292, AA824631, AW900280, AI689370, AA233695, AA351589, AA769227, AW264224, AW029513, R41719, AI985709, AA634567, AW269038, AW674550, BE886173, AA351643, H23984, H22704, R36553, AI819095, AA973659, T58501, AI538888, AW661810, AA649086, AI933293, AI673569, R32827, AA973736, AW273585, AI497846, BG057154, AI364341, BF755875, BF927524, BF963119,

						AW615711, AA356192, BE501436, AA937403, AA353188, R17171, AA922835, AA026761, R27062, AA280121, T99539, AW408651, R32930, AI796641, BF927128, AI537859, AI250269, D81030, AA693444, R27063, AV723591, AW375956, BE383830, N56014, BE890564, R06448, AI126901, BE732309, AI276126, AI963082, BG222601, AW964936, BF345885, BF448000, AA806733, AW802995, BF346206, BE733387, BE383286, BF755869, BF125887, BE777790, AW410405, BF307973, AA905213, BF346212, T58551, and AL035681.
HDTF94	420	837726	1 - 465	15 - 479		BF343694, AU126910, AW970004, BE907577, BF676791, BE788909, BF813629, AL533833, AA588382, BE731437, BE737688, BF967077, BF725223, BF207957, BE564507, BF208159, N80329, R22829, BE772590, R17380, BE866037, N94214, BF965044, BF208977, AV657236, BE272694, BF210281, BF949650, T69554, H70673, AI928801, R52799, H17761, N91665, H55988, BF725860, AA235201, AA193652, BF243020, AI917109, BF184855, AW003912, BF211115, AI080595, AF151861, AK001347, AF153605, and AL023581.
HKAJL51	421	837785	1 - 573	15 - 587		BF696654, BF218442, BG167651, BE149009, BE544501, R43179, AA159953, AW474222, W81455, and AK027201.
HODGZ47	422	837858	1 - 1887	15 - 1901		AV714319, BE245435, BF085080, BE883963, BE315412, T67179, BE731249, BE732012, AW501306, BE077539, AV702985, AC007041, AF315591, and AF315590.
HTJMQ74	423	838145	1 - 1484	15 - 1498		AA709155, BG119984, AW519003, AA877551, AI200706, BF338058, AV717315, AI22381, AU150354, AI754711, AI333933, AA548510, AU118207, AA419622, AI753594, BF577095, AA243811, AU144834, AI961432, BE926182, AA599372, AW316693, AW241333, AI474277, AW797789, AA417659, AI242450, AI393312, AA643987, H92371, AI089479, AW999395, AA243499, BE145749, AA758663, BE184602, T25086, and AK000996.
HOHCE56	424	838619	1 - 2334	15 - 2348		BE746374, AI743383, AI189480, AV728988, BE899408, BE746781, BE562186, BF347181, BE561742, BF530313, BE294788, AV722367, BE297333, BF309493, BE743200, AI952007, BE299126, BE397775, BE268309, AW571554, AW952382, AW268367, AW269905, AW130259, BE857180, AA994030, AA639694, BF310849, AI039861, AW469101, AI280124, AI813888, AW087805, AI400646, BF434700, AI095733, AA843902, BF527954, AI056993, BF507388, AI040027, AW043686, AI184877, BF727202, BE019740, AW001144, BF305457, AI221461, AI744692, AA939338, AI188291, BF060991, AA884553, BF111321, BE222971, AW078707, AI354719, AI362107, AW239541, BF058113, AI961777, AW468853, AA620650, BF058488, BE327064, AA782108, AI631591, BF307205, Z98493, AA601020, AI123005, AI281234, AW300196, AI371785, AI983407, AI907175, AA977540, Z98494, AA654142, AI971518, AI696796, AI291368, AI193049, AI805625, AA028948, AA654142, AA424708, AW068434, H18114, AI042264, BF945716, BE902648, AA035346, AI085855,

HLJB45	425	838808	1 - 775	15 - 789	<p>AW075664, AI189906, N50916, BG152447, AI192226, AA137064, W65336, AI147886, W86749, R55061, BF923686, AA584282, AA621825, AW068276, AI018251, AA028947, AA954337, BF868739, R48880, AA082844, BF871643, H50357, BF940371, BF931509, H03762, AI991634, AA613635, R74334, BF740062, AV721662, AW051544, N26167, W96508, W65306, AI298050, AA137135, H27911, BE206342, AW015653, AA885454, N71800, AI750973, BF929294, AW067959, AA236213, AV723825, AA984404, AI744638, AA419024, R68793, BF594397, AI741716, AI742212, R69300, R48488, AI991641, BF923702, AA984360, AI142695, H02866, N26168, AA295172, R55030, H42461, R69284, N50788, AA022527, R48489, AI475336, AA668542, H14200, AI219092, H18159, R25771, R74427, W35175, H46438, R69301, T48913, AA452705, R69285, AA989514, AI219145, AI468487, BF357697, AA295171, T48912, BE702963, AW733005, BF928802, AA904744, AW014159, AW444859, AI272234, BF514530, AI085799, AA083138, H43664, R48776, W87321, R26607, AW581330, D59307, AA377483, H42862, H44735, T12571, BF997408, W20398, AA358896, AV751736, BG014799, H50395, AW068024, BE294110, BF956105, N55145, AI915948, BF932203, R73224, AA037643, AW834928, AA450064, AI185266, W96475, AA236214, AA975214, BF941646, AW244038, AW578281, AA022459, R25786, BG007442, BE767081, AA326207, AF177203, AB040935, AF218016, AC006312, AC006312, and AC006312.</p> <p>BE732828, BE781977, AL527780, BF026407, BF684507, AL527781, BF725812, BE780848, AL519895, BE736231, BE728826, BG105762, BF036674, BF681153, BE387517, BF213309, BF667921, BE782483, BE878075, BE390815, BE778881, BE779179, BE563797, AV759501, BE513040, W52852, N34255, AW160399, BF679234, BE960859, BG254402, BF239121, AV751872, BG033941, N30499, BG170723, BF972946, BG025562, BE276608, BE876001, BE883738, BE784090, BE440008, BG252431, AV721356, AW239079, AV711565, AL519643, BF036389, BE904995, N42142, R20300, AA312807, BE380086, AL519894, BE280989, AV734719, BF691779, H70394, N23533, H73369, BF028243, AW407963, BF697509, AA455701, BE253888, BE739508, BE874970, N43927, AV725874, BF217992, R97376, W19497, H79944, BF726887, BE739243, BF084806, BE961088, BE778879, BF195663, W31972, BG165235, AI631124, BF244338, BE894109, AW407596, AA302225, BF516510, BF440019, BF701098, BE866570, BF440052, BF182781, AA132425, AA305409, W80575, R07414, BF666742, AA182911, T70776, H73299, AA127810, BE543360, BF666828, W76420, AA120782, C00198, AA024761, BE254564, AA229940, AA307572, AL519642, AA309712, AA093843, AA364785, BF248231, AA045678, AA326688, T85051, AA639784, AA223846, AA176320, BF971153, AA230126, AI245848, BF593734, AW407906, AI088520, BE019593, BF749645, AA035464, BF243942, AW175673, AA329750, W07289, AI719084, BE675483, AI984009, AI719711, AA332809, R57473,</p>
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HSHCL04	426	838860	1 - 1002	15 - 1016	AW173349, AA687553, AA035465, AA467792, AA364309, AI453530, AW162019, AA372693, AW953806, AW362109, W28003, AI978624, W27692, BF111041, BE834190, AA876647, BE741827, AA643698, BF741937, AW575396, AI361959, AW152523, BE877161, N88793, AI342341, AA121482, AI887169, AA299454, AI954927, AI336152, AI953987, AI142474, AW051781, N56317, H03161, AA088249, N55991, AW390100, AA922338, AI609114, AW750827, AI359968, AI144474, AI022809, AW205900, H96200, Z20434, AW939020, AI680538, AI358777, AF151028, AI024498, Z98752, and A74520.
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HAJBR52	427	839006	1 - 1244	15 - 1258	AL522826, BF971476, AV706728, BG258636, AA444396, AV706427, BE568645, BF000392, AI525744, AI991353, BF792197, AV707298, AA101469, AA419167, AA401605, AA633141, AA827143, AI692194, AA214618, AA157004, AW051537, BF838603, AI904815, AA566141, AA566144, AF125531, AC003083, AC024947, AB028070, and AB028069.
					AC023823.
HSLEK65 HWGAF42	428 429	839237 839272	1 - 867 1 - 860	15 - 881 15 - 874	BE730331, BE730328, BE966948, AW373793, AA553665, BE932271, BE674212, BF570050, AI184600, AW004692, AI190674, BF438824, AA482462, R45646, AI521134, AA973962, AA211375, R42556, AA720003, H11452, AW966533, AW966529, AW009222, AA417872, AA632195, R52677, AI360146, AI366341, R61892, BF207156, BF963111, AA720022, BF527830, Z41453, BF889044, R87776, BF889041, W38313, AA483558, BF888313, R55720, AW996106, R43749, T30657, H95699, R86859, AA426408, R10214, BE878555, R87766, R87830, T15918, T78493, T34747, F03602, T16643, BF317404, H50912, H08592, AI302317, BF961295, Z99411, AA643729, BF570021, AA363950, R43750, BF960575, AA522619, R41527, F02068, W84692, R43495, BF314907, H95698, H52035, AW947289, AI092517, AI291295, AI570476, F07877, BF570107, AI951902, H38986, AI553790, AW268395, BF511319, AI312547, AI344432, AI343814, AW450243, AI681390, N44903, W84640, AA614791, AF131749, AI245820, AJ245821, and AJ245822.
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HOUEA63	430	839547	1 - 1586	15 - 1600	

	HLWAW3 6	431	839561	1 - 1456	15 - 1470	<p>AA565823, BE275928, AA767424, AW630709, AI188982, AI948620, AW952485, H49462, H97012, AW381263, AW627376, AI369641, AI283644, AV696925, BE386638, AA748475, BE841619, H49463, BE703259, BE185759, T87152, BE772335, AW956823, AW956054, AA827171, H75949, F22114, R02581, T31504, Z42997, T89930, AI379281, BE903668, R27657, T87057, AW381575, AA322268, AI254734, AW884300, AI473328, BE042945, R02700, AA576177, AA211532, AW149142, AA129383, AA005034, AI114471, AW008764, BF082720, AA425564, AA348159, AW606262, AW150911, AI014302, AW383774, AW383735, AW383777, AA322497, T83607, BF841083, BF837368, AA019517, AW383750, AU144458, BF798273, BF841536, BF841582, AW383744, AA026869, Z39829, AA814308, N67589, BF842440, AW372004, AV724468, AW008757, AV724654, T83782, AA644513, H67997, AW381555, BF089279, BF087060, AA004420, AI670733, T62593, AA910241, AA007691, AA456251, BE065664, AA132360, BF197353, BE221734, BF842421, AI279767, T62521, H75334, AA333601, AI809410, BE677881, BE763412, BG111826, AI380647, AI057250, AW295873, AA004558, AA341266, AW578194, N73865, H84690, BF819202, AV702030, AW192634, AA004484, AK021559, AL137520, AF155114, AF176704, AF174597, AB041585, and AL031178.</p>
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HDPHI63	432	839704	1 - 440	15 - 454	BE408908, BG122097, AW579031, BE382738, AW391608, AW383823, BF795076, AK025328, D13623, AC004707, AL121949, AF119857, and AC004506. BF525949, BF343049, AV689909, BF342466, AW953836, AW953891, AA640081, BF339231, AW629891, BF526118, AA371827, BF821349, C17007, AA485613, AW953834, BF737942, AA368991, BF821339, R62666, R47871, N90491, BF821354, BF878968, H42114, BF879161, AA295668, T95371, BE769808, BE140683, H01130, T27046, AW374237, H70128, H64116, H01871, BF879241, BE769826, BE769806, N45434, H89819, T72232, H64951, N47826, R17629, H27838, H26462, and H83150. AL521148, BF966836, AV715670, BE619857, BF972274, BG122696, BF342733, BF525757, AU142917, BE619242, BG178404, AV713997, AW950883, AW372581, AA877904, AA442710, AW372587, A1770174, A1539441, A1633309, AA625121, AA490194, A1336242, BF695459, A1361039, AA773718, AW082708, AA913955, BE873985, AA625245, AW372585, BF361430, AA127749, AW015838, BE350164, AW673765, A1962383, A1951420, R25792, A1684313, A1432514, A1435855, AA229604, A1423475, BF130287, BE785728, AA233020, AA804544, A1431531, T70290, AA826095, H29402, T87869, H07001, AA156095, AA229914, T17472, A1287493, AW576352, T66752, A1094976, C04205, T66751, T87958, AV732952, AA235237, AA101130, A1027567, T17473, A1243842, A1568315, H15839, AA853458, H11749, T28950, R12843, BF962452, A1690921, AW269644, AA783031, BF800198, A1654882, A1378497, AA934605, T79599, H11826, H68911, A1218090, BE964217, R46791, T79683, AA337227, H19387, AA496055, C03988, A1586994, AA887922, A1044683, AW169886, R20752, AU125527, A1869101, AA994515, T95521, BG236017, BF000089, AA229696, BF438215, BE910228, A1370468, BE327803, A1139882, H16148, BE894248, AA883256, T80865, A1359674, AA771780, AA844103, M55905, and AJ294818.
HTEBP06	434	839885	1 - 1368	15 - 1382	AW515779, BE463744, BF438413, BE503424, A1651813, AA853961, A1638483, AA977048, AW294422, BF062258, BF062332, AA470124, A1200932, AA382887, A1806448, AW072392, A1638774, A1936476, AA725656, A1651860, BF057853, AB050257, and U76377.
HSKYK23	435	839888	1 - 1106	15 - 1120	AA748038, BE619966, A1672094, A1638836, A1087271, BE463907, A1674881, A1862582, AW578455, AW515113, BF334278, AW300485, BF691245, AW368459, A1992141, AA422171, AA418478, A1417139, AW368538, AW274441, BE961013, AA422079, AA747837, A1650427, BF674559, A1913009, A1679623, BF242737, AA773231, A1831210, BE695999, A1366110, A1244783, A1434442, AA424690, A1128938, BE696000, A1766204, AA921948, A1082308, A1206146, AA436375, A1039316, W04874, BF056542, AA976333, AW235164, AA481306, AA476535, A1092299, A1990193, BF334284, AA150673, AW139793, AA128482, W46348, A1399894, AA476430, W01258, A1784656, AA143300, AA150797, N45370, AW467125, A1261243, AW976208, AA954088,

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HBUAD85	436	839958	1 - 1228	15 - 1242	

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HCEIN85	437	840000	1 - 1971	15 - 1985	AL521658, BE739899, AL537917, BE796545, BE795494, BE796051, BE798186, AL528746, BE781632, BF346946, BE250392, BE253830, BG253619, AL531871, BF529641, AL520255, BG180990, BE906989, BG178265, BE882440, AI440480, BF311412, BF346440, BE795472, BF528132, BF529868, BE252198, AI937005, BF346604, BE273903, BE293093, BE893674, AW071864, BE257980, BE904420, BF976000, BE294343, BF683756, BE781804, BE389295, AI564755, AA482401, BF313162, BE793749, BG170781, AI638564, AA533105, BE778083, AA482546, AL520256, AA641620, BE206843, AI281716, AW328722, BG057343, AI963493, BF686194, BE618183, BE208629, AI469386, AA804959, AW615626, BG258047, AA458650, BF568797, BG256030, BE304575, AA158523, AW079515, AI083728, AW245143, AI298185, AV743341, AA632061, AL521659, AL527286, AW316953, AA305998, BE260707, AL528747, BE266948, AI436766, BE262129, AL537918, AW196786, BE261305, BG030950, AI241942, BG256906, BE904149, AI469081, AL513886, BG178424, BG057011, BE791385, AA922280, AI146879, AI858189, AL528997, BF664170, BF238005, BE561194, AI582808, BE301326, BF128635, AI886175, BE795332, BF799598, BF184664, AA127054, CI5514, N31178, BE905893, BF530369, BF568647, AA127053, BE561245, BE274728, AI828133, AW338173, BE396972, BF568993, BE936673, AW207688, BG258840, BE895646, BE396812, BF808283, AI865168, BF530599, BE513502, BE618747, BE280443, AW878476, BE537649, D29432, D20434, BF342492, BE780664, BE273365, N22704, BF530035, BE908400, BE273376, AA429099, AA834519, BE545171, BF568686, D50914, U77415, and AK024840.
HROAX39	438	840008	1 - 513	15 - 527	BE744232, BE747972, AV728364, AA121599, AA379693, AA379373, BF342392, AA496170, BF725242, W25608, AA371731, AW372195, BE709350, AI208593, AA249784, and AK000206.
HHETF37	439	840056	1 - 615	15 - 629	AI872254, AA975688, AI872255, and AC006479.
HKAA52	440	840160	1 - 1398	15 - 1412	AL528898, AL530733, AL530742, AL529747, AL519286, BE901487, BE790563, BE732756, BE733523, BE396351, AL525215, BG106992, BG113455, BE397032, BE397233, BF982760, BF342948, BE888515, BG118096, BE887823, AL529746, BE900855, BG023983, BE732152, BE901319, BE409368, AL530741, BG033499, AI084732, BE312929, AL525214, AW959902, AL528897, AL519285, BE549059, BE296657, BG253556, BE901744, BF966782, BF686130, BF125082, BE206925, AI147481, AI971491, BE296027, BE260435, BF125602, BF339628, BF125493, BG167442, N34073, AV749210, AA321112, BE560667, BF125316, AW513665, AI951045, BF311602, AI650663, AW058103, AA909530, BE834264, AA258103, AI971506, AA300789, N40373, BF770666, AI061239, AA600054, AI000807, AW593654, BE901119, AA969975, AA281492, AW298633, AW860213, AW026768, AI866427,

HISES36	441	840222	1 - 960	15 - 974	AI285506, AI468710, F33114, AI278754, AW770346, AA642297, AI499987, AI492103, AI863862, AI762625, T16079, BG009469, AA989727, AA321111, AA622203, AA310412, AA622784, BF361196, AI292529, AX001017, and AJ300588.
					AL519782, AL521031, AL537771, AL532982, AL519743, BF340693, BE792891, BG029834, BG033672, AL526699, BE883832, BE778826, BE260201, BE260258, BF115935, BE313721, AI929355, BE537966, BF527209, BF568475, BF529551, AA351269, AI199579, R84529, Z43097, R88248, R84486, AA351822, AW998329, BG104854, H20040, BE795625, AA429839, BF969852, R85183, R87201, BE160604, BE160589, R58225, AA442608, BF238333, BE328809, BF222046, AW590915, AA477650, AI633379, AA775842, AI937305, Z39190, AA962631, AI341814, AA436850, BF511356, AA740431, AI867453, AI122658, AI339114, AI671560, AA369393, AW953817, AW292804, AW069479, AI041102, AW957086, BF508854, BF826502, AI675398, AI765639, AA917911, AA210727, AI095222, H88131, R85922, W20393, BF793459, AA044257, AA971861, AL521030, AK026982, AL034548, and AF116644.
HAPBL12	442	840579	1 - 1709	15 - 1723	AL525580, AL525531, AU136037, AU135156, BE897817, BE896636, AU133754, AU127192, BE858832, BG253874, AW962760, BF510434, AW954960, BF574918, AU160122, BF977858, BE961102, BF185921, BF215392, AI378490, BF248416, AI800985, BG034956, AA156289, AI073518, AA773818, AI963320, N99672, AA234550, D56172, BE930107, AA256954, BF244940, AW362473, AA046377, AA251743, AW362472, BF102934, BF241316, AV720349, AA156083, N42280, BF245375, AI160238, AA704119, R72972, AA112337, BF086535, BF086529, R25715, AA256645, AA371062, AA320096, AA370316, AA236661, BE928494, BF084201, BF086503, AI525894, BF084221, BF084272, BF086530, BE961214, BF086505, BE928500, BF084190, BF185469, N47760, BF084203, AA137170, M85957, AI611807, BF695980, N79724, BF086500, BF114811, BF030327, BF243876, BF154789, BF086533, BF094389, AK023459, and AB050431.
					BE277107, BE910440, BF795570, AU130228, BF792887, BG023805, BF525462, BF685514, AU129385, BG035515, BF205159, BF000802, AA780068, AW005581, BE390866, AW025527, AI871472, BF036597, BE730035, AA029831, AU151517, AW961102, W93417, AA836105, AI240879, BF695942, AI336855, AI276262, AA737662, AI189612, AI076231, AW963522, AW261921, AA857959, AA464962, AI200129, W86177, BF197108, AV649936, AI004350, AW518042, W86176, AI274473, AA994284, AI248784, R21076, AA811098, N49076, AA780382, AW078888, W92692, AI470273, AA379908, AV727913, AA378898, W92672, R20463, R46252, AA737628, AI587223, AI376292, AA029291, AI553643, AW139555, C01217, N74187, AA337611, AA633124, AA251752, AW168901, W04352, AI400947, AW248567, BF931644, AA085198, H92104, D38732, AW367085, D38674, D38745, AI351139, AW044693, D38734, AI754949,
HTMJ95	443	840671	1 - 1244	15 - 1258	

						AA707474, BE965121, AF290195, AF146367, AK001477, AK023070, AF113540, AF124523, S7771, AK027188, I89934, and I89944.
HTELI78	444	840700	1 - 1234	15 - 1248		BE876668, AA633788, N58116, AA779964, AA993172, AA993810, BE972250, W02490, AA250756, AA812535, N74558, AW105026, AA323882, AI015512, BF801908, AA978273, AA912417, AA410936, AA864226, AA721605, AI954398, AA077596, AA937643, AA721388, AI692899, AI358200, D20826, BE545086, BF804475, BF848741, AI018574, AI221163, BF848765, BF081612, BE545153, BF848801, BF734172, AJ277291, AF234882, AF234885, AF234884, AC002542, AF234883, and AC003987.
HHFBP51	445	840811	1 - 918	15 - 932		BF979271, AW449278, BE879506, T60555, BF673064, AI792473, AW753909, AI205976, AW580518, BF131034, AA346826, BE176521, BE893411, BF694542, BE176315, BE893316, and AV713261.
HHBCS13	446	840896	1 - 2129	15 - 2143		AW207713, AI810396, AW966479, BE748341, BE748813, BE537890, AI302169, BE042761, AW236326, AW029389, AA450190, BG030357, AA526956, AI023982, AW071139, AI263326, AI983639, AA425171, AW382198, AA157568, BE565681, AI701334, W78960, H72423, AW371720, AW371748, AI079467, BF030000, AW958846, AA626156, W80454, AW273396, N70430, BE185286, BF511249, AA384726, AI183810, AA384586, AA296752, AI422655, AV733287, AA479929, AW009098, AA450124, T70566, AA314325, AA357632, R77683, R34229, AW802770, AW250354, R77682, AA331541, AI081752, AA333812, BF742908, AA331747, R35556, BF741669, AI560564, BE727612, AW582549, BE537776, AW245233, BE564677, BF331517, T70837, AW468924, BE96298, AW609900, AI620330, D20574, AW371723, AK026969, and AI132875.
HJAT72	447	841335	1 - 2055	15 - 2069		AL519223, AL135396, AW978864, AL519224, BG110879, BG179154, BG167639, BG167072, AL516415, AA133979, BG170520, AW367332, BE618516, AW367242, BF695975, AI004681, AA829651, AL516416, BG150372, AA287338, BE785672, BF669485, BF001602, AW952891, BF793907, AA287324, AA173276, AA126774, AW673513, AA210721, AA205833, AI075920, BE926877, AA210826, AA688155, AI630319, AI376711, BE892332, AI026835, BF982501, AI858354, BF337294, AW367328, BE542574, AI630566, AI630392, AA504314, AW070942, AA836121, AA489233, AI028632, AA598962, AW602275, BF242269, AW408375, AI206140, AI915314, R22949, W19388, BF688156, BF795195, AA599018, AW104080, BF910961, BF796284, BF243265, AA934545, BF239711, BF769690, AA831728, R78445, AA342412, BE697504, AW593702, R23055, BE047778, AW013923, BF309124, BF088965, BF736758, BF795590, BE697505, AW403341, AA342411, BE711348, BE907981, AI343050, AW268252, BE694275, AW301946, AW390121, BE000774, AA628867, AA206272, BE694298, BE711346, BE697502, BF736767, BE694249, BE694259, BE694286, AA173149, BE694241, U46258, and BF308651.

HTLHK92	448	842395	1 - 612	15 - 626	BF344166, BF999691, BF569907, H52351, BF999694, BF337899, R69911, AA421401, BF127938, BF570393, T49326, AA359077, AA330666, AX018076, and AF186469.
HAGBQ10	449	843516	1 - 1466	15 - 1480	BF968525, AI246710, AI763071, BE674657, AA460540, BE328200, AI168314, AI611086, AW451887, AA460541, BF675159, BF507593, T16448, T08984, AI016123, H24284, AA668246, AI223180, AA971942, R60880, BF590051, R23514, Z38546, R43444, BE701712, AW961900, AW182351, Z20913, AA972023, F05576, Z20948, AI137748, AB046764, AF072371, Y18276, AF072372, A74680, and A74602.
HCRBB73	450	844034	1 - 1403	15 - 1417	AL523131, BG261097, BF340183, BF305691, BF035093, BF303873, AW196621, BF306489, BG121861, AI870592, BF311037, BE205899, BF315962, BF369701, AI418236, BE672680, BF304287, BG055835, BF431529, AA341046, AW139473, BF090415, BG104844, BF059456, AI632174, AI968214, AI970377, BF378475, BE261334, BF437294, AA302039, AW796541, AL523132, BE937882, BE746585, AW367194, AA835104, BF758565, AI990177, BE825241, BE019361, BE206717, and AB029017.
HWHHU1 1	451	844529	1 - 2048	15 - 2062	AL522002, AL521608, AL521607, AL522549, BF305304, BE732838, BF971112, BE743976, BE262711, BE899550, BG109203, BF344719, BE741195, BG248593, BG115015, BG117962, BE883834, BF688906, BG249430, BE410162, BF316646, BF982386, BE281306, BG164142, BF793440, BE272171, BE901175, BE409982, BE901577, BG165427, BE729126, BF569778, BF982251, BE872442, BF970528, BE735023, BG166435, AL522001, BE410692, BG109330, BG116617, AA206373, BE736037, BE299415, BG249255, AW579408, BF340859, BE744899, BF570295, BG170896, BE386152, BE546682, BF673757, AW964395, BF340242, BF305644, BG251248, AL521166, AI905440, BE547252, AI905525, BF183244, BE301893, AI961339, AI884509, BE280374, AA142829, BF237978, AA039438, AL522550, AI189410, BE018945, BF968375, BF807239, AA318302, BE281612, BE779176, AI871802, AW732476, AL521165, BE018944, AW663672, AI185017, AI473764, AA922287, BG025351, AI677950, AL532064, BG108566, AA121661, AI052759, BE388318, BE349225, AI828786, AW662459, AW250139, AI086493, AA903122, AI678707, AI720105, AW571711, BE207861, BF675911, AI347904, AW956985, AA580387, N25780, AI624202, AI188539, AW268633, AA481905, AI302604, AI376533, AA630400, AW182583, BE122842, AI570190, BF753347, AI419954, AI689084, AI696156, BF878947, AA158660, AI814113, AW000854, AW675147, AA159025, BE742694, R99569, AI357664, BE047488, AA307924, AW005618, AI752100, BE743048, R45648, W21970, AI628527, BE870251, R99920, AA954481, AW193234, AI679473, AI554473, AI560258, H20615, N39758, H53221, H53115, AA186671, AI439924, AI288336, AA128573, AI184323, BF222290, AI432912, BF940624, AI590039, AA588482, BE247774, R99741, AI886981, AA843226, H57919, AI933122, N44679,

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HRAEB76	452	845247	1 - 1513	15 - 1527	BE670499, AW243355, N66545, AW612426, BF674012, AI435149, AI432143, AL515165, AW070187, BE540051, AW104479, AW274134, N98785, R76933, AA909433, AW087681, AA037531, AI914469, AI382043, AA625299, AA579805, AA133208, AI949288, AI985348, AI700297, AW571775, AA037427, AA970155, AI867878, AW976779, H87705, AA776877, H87196, R71139, N46113, AI358657, AA814377, N64190, AA812771, R71639, AA317842, U98885, AI868799, BE242115, R47844, BG114598, AA504754, C20783, AI955462, and AK026276.
HPJAO13	453	845355	1 - 749	15 - 763	
HHENR67	454	845465	1 - 803	15 - 817	AI655754, AA333460, AW370405, BF960997, BE169979, BE077089, AW975620, AA776153, BF985194, Y08474, BF351270, AC006017, AK025287, and AK026056.
HLQDC55	455	846521	1 - 525	15 - 539	BF893887, BG168409, BG167900, BF030549, BG170012, AC012312, and AC008534.
HTTJW49	456	846674	1 - 647	15 - 661	AA199865, BE901642, BE730874, BE391709, BE466924, AI769428, AI061340, AW268880, AA707168, AI970984, AI884812, BG149869, AW444872, AI479954, BE220097, BF002310, AW590535, AI701720, AI356088, BE503614, AI765045, AA722812, AA410516, AI267987, AW236544, AA005114, AI298592, AI865503, BF432858, AI633370, AA878382, AW389168, BE895750, AK000766, AF118838, AX004413, Y17571, AF164632, AC012156, AK025227, AF164526, AF164528, AF164527, AC004458, and AF164525.
HSYAD28	457	846772	1 - 1675	15 - 1689	AW968529, AW968703, BF590615, AI761179, AI651733, BF062638, AI056223, BF247343, AA426281, AI860123, AI566334, BF222797, AI650743, AI911944, AA699297, AI078184, AA627742, BG249594, AI192849, AA598410, AA938710, AA210770, W88803, AA485080, AA705470, AW971463, AA641836, W88802, AW971475, AA485191, AA211899, AA215562, R82360, BE698664, AW008873, BF851964, and AK026839.
HLWAR77	458	847144	1 - 1265	15 - 1279	AA449919, AA449920, AF119815, AF257210, and AF268899.

HCE2W33	459	847388	1 - 2032	15 - 2046	AL521424, AL523210, AL514620, AL536205, AL525645, AL537131, AL521425, AL523209, BE739509, BF965558, BG031889, BG258324, BE891149, BF311286, BF530602, AI057627, BF182863, BE560984, AI479627, AL514619, BF037516, BE314805, AI859259, BE297709, AI523551, AI660477, BE797143, AI885132, BF038307, BG027666, BF966086, BE388115, AW958486, BE382803, BE560800, BG115029, BF206872, BE268774, AW958520, AW170144, BF345159, AA779831, BG104568, BE276916, AA699996, AW001491, BF793361, BG108512, BF691744, AW955061, AL527427, BE739244, BE314640, AI191325, BG122405, BE548451, AA779172, C18348, W60861, AI814375, BG119829, AI267877, BE780354, AA434226, AA557294, BE560620, BF338341, BE262392, BE560215, AL037181, BE536344, AI371147, BE782287, AI149368, AI191738, AA449960, BE018452, AW574717, AW009827, AA324535, AI523552, AA434312, BF206512, BE856127, BG170162, AA916827, AI056484, BE387175, AW148512, AI401735, W42799, AI341747, AA846389, AI520661, AA173280, AW962582, AA773096, AA612929, AA223353, AA405603, BF929696, BF751515, AI741705, AA582585, AA223253, BF206870, AA255640, AV647239, AI952905, AW300754, BE252212, T32945, BG109634, AI952061, AW167381, AW408419, BE295519, AW518702, BE882636, BF305409, AW589482, BF087318, AW084813, BE302065, AA188656, AL037180, BE261658, AA410555, AA708856, AA873019, AW957316, AA173203, R90786, BF849877, AA312624, H39026, BF939729, AI202617, AW967939, AA612830, R85547, N35339, N74258, AA857247, H41500, AA559142, AI611415, AA953999, AW272284, AA578247, BF931945, AA826989, N95254, R87593, BE857465, AA284487, BF929625, AW338532, AA516267, W60737, FI2777, H39797, BE243900, BE709158, F11343, R95140, AW517268, AW166856, F32639, R34417, AI623493, R87508, AA309639, H41555, N89722, AA826718, AI361539, T31070, H14134, AA257998, BG167097, BF002936, R85567, AI864037, AA258866, H68648, W24549, T32944, H85256, AI611540, AI244230, AA825443, Z46220, AA213790, AI869008, AA410556, T32946, BF791959, F10385, T75048, AA405546, N55535, BF940204, AL036822, AW403313, AA213875, AA074090, BE560217, T30898, N76421, T31929, AW392209, AW958525, H14093, AA604307, Z45387, BE077235, AA903640, R85944, T35924, T23531, AA857144, AI361274, AI278090, AI002669, AW580277, H39051, AA224282, H84923, AI187996, AW467485, AI340553, R88874, AA075982, AA401201, BE243365, AA188558, AA378194, AI350817, AA380570, Z41846, W42691, AA857402, AI282309, AI972748, F09003, H14136, T68752, R48954, AX013711, AK025329, AC004771, AL050060, AL079315, A75494, AC004771, AC004771, AC004771, AC032038, and AC032038. BF508798, AI829099, AI126506, AI200037, N25625, AI128843, AW024969, N34223, N36303, AW020616, AA605122, AI217597, AA743134, N26904, AA729493, BE857354,
HSOAC39	460	847431	1 - 702	15 - 716	

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HAAV01	461	847551	1 - 897	15 - 911	AW503042, BF182997, BF689491, AW503046, BF998184, BF998181, TI9151, BF530120, BE621150, BE872171, AA326792, BG035951, AW843415, BG115797, AV731715, AL354615, and AL049569.
HWGQC6 7	462	847568	1 - 1049	15 - 1063	BF676673, AW361928, AW370592, AA029045, BE464022, AW955794, AI360473, AI074083, AA331716, BF755692, BF475271, AI913154, AI873811, H03163, BE093260, AI417501, BF919980, AI934369, BF001451, BE088349, AI791728, AW466890, AF311320, AK025993, AJ269529, AP001747, AP001625, AP001626, and AL355683.
HFIJC17	463	847634	1 - 712	15 - 726	AA468731, AA580930, AB045363, and AP002534.
HBXCD74	464	847677	1 - 2048	15 - 2062	BE270761, BE560646, BE396923, BE513879, BE267678, AW834931, BE559852, BE513327, BE270061, BE872948, AL045780, AW590225, BE268811, AW970178, BF940066, AI376010, AW072377, AI401550, AW953330, AI362753, AW005335, AW575918, AI928945, AA524093, AW592039, AW002375, T33717, AI097125, AA514373, AI424874, AA490412, R55849, R89670, AA502607, AI361469, R52206, R21271, W60204, BF940638, R45456, AA906578, R24724, H17344, W35351, Z42802, AA757050, AA309188, D52329, AA479853, AA490314, AI929199, R45361, AA456776, AA806240, AA394201, R55770, W32915, AI380329, Z38945, AI003744, AA411018, R52109, AI471415, AA863370, W60203, AW866322, AL048656, BF921092, BF038804, AW238730, BF904194, BG180996, AW075305, BF343568, BF344691, N49165, BG117375, BE966011, BF822127, BF764538, BF969316, AL039086, BG104775, BE254907, BG104699, BF904258, BF798503, BE966787, BE393551, AW071417, AW162189, BF835240, BF885000, BE895765, BE886728, AI498067, BF854113, BE965121, AV759922, AI923989, AI307557, AI312428, BE620444, AI684013, BE895585, AI636619, BE047833, AV704051, BF812459, AW827289, BF339322, AI872914, BF792928, AW411235, AI345677, AI138406, AV721967, AI887775, AL036638, AI290153, AW167918, AI611728, BG110517, BE904911, BE910373, BE964876, BE966699, AA572758, BE543089, AI119836, BE536058, AI340519, BE963286, BE789764, AL040277, AL110306, AI307734, AI917963, AL036780, AI929108, AI468872, AA420722, AI698401, BF960601, AI537677, AW410972,

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HPICD14	465	847876	1 - 1445	15 - 1459	AL529338, AL529229, BE880303, BF982161, BE873181, BE881088, BF034936, BG166948, BE891990, BE781051, BF943144, BG117335, BE568711, AW402835, AA805747, AA844707, N75645, AA134016, AA932210, AW262734, A1346736, AV690915, BF037465, AA262402, AA261864, A1696855, AW575150, BF829935, BF796536, AA205020, AA826922, AV737752, AA284255, AA994179, A1559298, A1076103, AV739985, H02173, BF695302, AA477385, AW304094, AA205058, AA292592, AA477137, R86076, H63956, C05740, H63680, AV755575, A1262469, BE711019, A1249269, AV683091, AA761240, AA407454, AA857134, N80944, AA455040, AA862800, AA205286, F11206, BE699222, N64798, F08871, A1273219, R92777, N48826, A1075199, A1243055, AA339693, N53858, N63843, A1199296, N73358, W16938, AA999830, AA569385, BG055723, A1278136, A1376291, BG056095, A1208333, AA199630, W49499, BF195200, AA011298, A1144136, AW664253, A1933207, BG057712, A1201901, AA970973, R50139, A1093140, N56867, A1991334, A1814598, AW445033, BG230563, A1870937, AA639679, BF115231, N91988, AW575436, A1039511, N45618, BE842488, BE842400, AW388173, AW388248, AW810606, AW388235, AW809861, AW810591, BE842401, A1351768, AW388188, AW051803, R57113, AW388250, AA917850, AW388238, AA401684, BE842202, AW387984, H25905, BE842150, N56015, BE842171, AW609158, BE842197, AA292824, AA634310, BE937206, A1366133, BE842347, AA54311, AA812536, AW388002, BE842471, AW810485, W42667, BE713154, AA534413, AA879125, AA131802, R50194, AA985657, AA748546, AA744485, A1265820, AW388185, AA857703, AK024682, AF151063, AC016572, AC012150, AC006485, AC008085, AL445242, AC008124, Z98304, AL391416, AC005226, AL117336, AL360174, AL117340, AC008685, AB045364, AP002534, AF119901, AL354751, AC035147, AL034400, AC005318, AC005411, AC008813, and AL022322.
HGJ21	466	848184	1 - 594	15 - 608	

HBGNW7 8	467	848214	1 - 966	15 - 980	
HSDZN36	468	848395	1 - 1451	15 - 1465	AW975846, BF038960, BG164740, BE889792, AW977203, AI590719, BE544475, BF031694, AW130905, AW438800, AI246022, AI224526, AI741866, AA120785, AW084719, AI290610, BF955402, BE218170, AI333346, BF437535, AA398620, AI420570, BE326499, AI571005, AI273665, AW025836, W56091, AI59125, AA120784, BF700090, BE348867, AI220406, AI224528, BF223717, AV709156, AA625099, AW316523, AI377451, AI969120, AI417968, AW276374, AI417991, AW276362, AI190743, AA886409, AA625773, AA234448, AA765287, AA236585, AA417754, BF343377, AI285589, AV703351, AA678422, AI125907, AI015199, BE764876, AW337260, H86847, N75304, AI886263, AA249001, AI866198, BE927551, AA249049, H86789, AA393271, AW955953, BF826717, AI049631, and AC011297.
HFPCS09	469	848480	1 - 1129	15 - 1143	BF951763, W27832, AI157531, AA393929, R15334, BE829437, AA326249, R18065, W27473, AW904344, AW905845, R19862, BE829443, W26700, R59515, T30655, H30848, AW904362, R14187, BE702294, W25837, BF963603, AA338605, W27511, F11672, Z45706, AW896283, BF960672, W28843, AA364544, W26007, AA318087, AW897408, BF960156, BE699595, BF960075, R19866, AW897412, BF948494, H18892, I40028, AB032436, and U07609.
HAIBB95	470	848610	1 - 1169	15 - 1183	BE271723, AI655778, BF033546, AI363260, BE897788, AW977041, AI423546, AW955877, BF111722, BE748038, AI149829, AA721308, BE179758, AI290323, AA994157, BF964002, AW068209, AA479257, AW611773, AA288015, AW297655, AA368376, AI028554, BF094791, AA702220, AA313639, AW197120, AI651578, AI873070, AA578960, BF094858, AI424122, AI249969, AA479107, T61903, BF224009, AI242976, BG261238, and AF159423.
HHEFI08	471	848769	1 - 444	15 - 458	AL031296.
HE8OM63	472	848773	1 - 419	15 - 433	
HAIAG88	473	848785	1 - 936	15 - 950	BF691763, BE909311, AW979048, AA829001, AA837772, BF820928, AC008154, AB041549, AC018646, and AC009275.
HAIJL92	474	849547	1 - 2664	15 - 2678	AUI132620, AUI133120, AUI124827, AUI124196, AUI124499, BE891195, BG055132, AW377159, BG035852, BE873140, BE855894, AA399095, BF664758, BE886084, AA404314, AV706415, BG028303, BG122689, BF185741, AI917328, BF939504, AW610353, AI357365, AA861290, AI911596, BE783702, AI768752, AA429300, AI636894, BE672397, BF849079, AA167019, AW961286, AI554305, BE784466, BE719707, W16697, AW610341, AI828381, AW956556, BE719680, AUI148613, AA115100, AA398205, AI184626, AA641723, AW367645, BF439756, AW073332, AI564257, BE856232, AA314835, AI159892, AI122582, BE139633, AW070813, AW959690, BE833827, AA115099, AI422256, BF108530, AI161217, BE925989,

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HHAMAI 5	475	849576	1 - 1033	15 - 1047		BE796979, BF739892, AW419313, BE393557, BF593166, BF197383, BE393339, BE515252, AW779993, AI627671, AI093595, BF590007, AA768858, BF224451, BE042563, AI453448, BE219001, AI934830, AW134610, AA452254, AI458186, AA009829, BG170017, AA937437, AW603066, AA009719, AV654326, AI292354, AV689602, BF590947, AA725609, N80738, AW445130, BE561826, AW960526, AW206210, N70714, AI498437, AI700814, AI739459, AA302470, AA641589, AI869066, BF203473, N48641, AA295253, AV649711, AV649710, AI474725, N99850, R29311, AA413393, BF476574, N74879, AI474981, AI962318, AA526518, BF221633, AA525191, BE464057, BE174617, T93208, AW955686, BE544479, AV703222, AV648263, AV726058, AV703593, AV652027, AV708723, AV729263, AV726520, AV727613, AV652617, AW949795, AV696106, AW951263, AV689111, AV728157, AV692345, AV708893, AV659536, AV706219, AW959837, AV707541, AV704637, AV726624, AV709604, AV708004, AV704955, AV652156, AV658332, AV701707, AV727799, AV705693, AV726784, AV708704, AV702427, AW952183, AW959848, AW020592, AV727929, AV725956, AW955613, AW952457, AW961037, AW965144, AW954113, AV727980, AW951273, AV656903, AV661704, AW953787, AV697196, AW960326, AV709580, AV709587, AW959910, AW953515, AV659389, AV655280, AV726605, AV727787, AV659294, AV701983, AV725745, AV686060, AV660608, AV686064, AV659322, AV726156, AV654908, AV656478, AV698545, AV709314, AV708381, AV660728, AV691080, AV652001, AV651955, AV727003, AV709935, AV727526, AV703169, AV728518, AV728924, AV725617, AV701496, AV696931, AV683272, AV699089, AV684075, AW951618, AV708834, AV690007, AV709660, AV654035,

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HPJDE45	476	849610	1 - 1554	15 - 1568		AL523171, AV650116, BE154893, AV728032, BF195766, AI767606, AW847731, BE144974, BE144973, BE144972, AW847800, BF576595, R33273, AA017727, AA449273, AA568610, AA348127, AL523170, BE835374, BF527894, AV682357, AW818599, AW847863, BG253203, and AK000166.
HPMJG77	477	849645	1 - 2538	15 - 2552		AI659020, BE879073, AI763323, AI814295, BF978647, BF978509, AI610721, BE692603, AV706038, AW780024, AA772328, BE865596, BF055300, BF031434, AI418868, AI954627, BG166779, BF791313, BF691958, AW151963, AW772644, AI677849, AI635780, AW131776, AI889482, AI096856, AV753735, AI669811, AW084985, AW512814, BE999938, AW293217, AI492379, AW612101, AA649057, BE961191, AA833822, AI418419, AW022350, AA557342, AI669088, AW592498, AA010761, AI564095, AI635708, AI828780, AA770537, BE246113, AI934933, BE672363, BE869773, AW451170, BF590868, BF103964, AW182645, AW772415, AI367249, AW051966, BE222489, AI458195, AV755982, R77193, AI692590, N50802, AV708404, W17370, AW572602, AI244799, AA011122, AI362142, AA558981, BF941407, AI554093, BF431279, AW305163, AA988181, AA781160, AI244711, AW190545, AI192384, BF941819, AW973665, AA370739, N90141, AA768294, BG257427, AW169913, AI092121, AW242957, H87588, R57440, BF755922, AW962786, AI470461, AA287847, AA523705, H80066, BE892815, AI766135, AV651198, N79945, BF830818, AU125791, H87476, AA732852, AI784216, BG110503, AA209522, AA431068, AA287848, AI217818, AW243077, AI765919, AI280035, AA781161, AA748573, H38370, AW016055, BF739826, AI472571, AA649021, N55159, AW970439, AL118781, AI621341, AI147877, AI927233, AI401697, AI590043, AI539260, BF814528, AI499325, AI590020, AI126920, BE934593, AI560873, AI699823, AW104666, AI698391, AI310460, AI239701, AI800473, AA738219, AV682249, AA282824, AI370623, AI475371, AW410259, AI800341, AI536601, AV681924, AL513901, AW129659, AW243752, AI797538, AW073858, BE393784, AW983832, AI473974, AI652664, AA633592, AI445611, AW169784, AW263722, AK000780, L14684, AK022724, AR082685, AK025435, AL050393, AK026462, AL137292, I89947, L04504, A77033, A77035,

HBCCG79	478	850225	1 - 1656	15 - 1670	<p>AF060555, AL050092, AL110223, AR038854, AL137650, AF232009, AK027173, AL080139, AB040710, AL137533, I32738, A52184, AL133623, AF085355, X76485, AF274863, and AJ003198.</p> <p>AL530816, AU123273, AW003164, BE748954, BG171523, BF795581, BF691478, BE86907, BE896766, BE748004, BE748435, BG249659, AA045270, BF184349, BG252885, BF541405, BE748684, AW965794, BF213334, AV742715, AI754721, AA045261, BF692026, BE866351, BF978795, BG254947, BF241372, AA155751, AI565953, BF103918, BE566964, BF210113, AA088741, AW190656, BF700657, BF675760, BF245336, AI937782, BF514328, BF213948, AA056487, BF382974, BF352490, AA100738, BE960757, AA709384, AA311618, N92256, AI561054, AI439164, AW512895, BG231819, AA814735, AA210779, BE542455, BF244465, AW589874, AI682758, BF030296, AA747843, W37157, AI630413, AA088742, BF760535, AA312081, BF244249, AA693442, BF131186, H64112, AA099908, AI244785, AA987623, AA056653, AA211907, AA249460, AI474592, H60997, AA311720, AA450319, BG025172, AA766193, BF214306, BF351872, H61568, AI206841, AI189682, AW105463, AW151761, AI298710, AA708760, AA904211, AI370470, AA311432, BF919714, AW502873, AI355246, AI791659, AA719433, AW962971, AA297776, AA573127, AI038304, F24745, AW500684, AI249688, AI565126, I47138, AI610737, AA405726, AA503298, AV720457, AW512528, AA358086, AA159046, AA593501, AI831172, AI590404, AA856817, H82636, AI499554, AA086318, AW275432, AV763026, AV763058, AW130188, AW662635, AA975894, AI370170, AA613966, AU155090, AI633386, AW672927, AI340941, AU157209, AA299589, AA666295, H29914, AA837597, BF447461, AA489797, AI280504, AI754567, AI459733, AA493226, AI569100, F30310, F23264, AW192599, AF085360, AF132971, AF161528, AK001158, AC020633, AL121963, AF158186, AC002310, AL022476, AL138756, AC007537, AC005701, AC004765, AC007766, AC006511, AL135749, AC004386, AC005158, AC010620, AF107885, AC011514, AL139100, AP000212, AP000134, Z68276, Z97181, AL022313, AF109907, AC002418, AC005531, AL109804, AC012085, AL078461, AC004223, AC004584, AL445263, AL163279, AC003963, AC005365, AL136172, AC006455, AC005324, AC009470, AL080317, AC003108, AL137798, AC006345, AC023490, AC005295, AP000030, AC003106, AC009004, AC005522, AC006597, AL009182, AC009000, AC007160, AP000252, AL132657, AL161420, AP000250, AL031587, AC020956, AC008685, AP001711, AC008132, AC018641, AC002094, AL121712, AC011495, AC073898, AC010328, AL109923, AC004796, AC004854, AC087087, AL135924, AL008730, AC008055, AC002036, AC018720, AC022459, AC005038, AC009362, AC006483, AP000557, AB022785, AL354696, AL139095, AC004647, U78027, AC007298, AC012318, AI277546, AF196972, AC005088,</p>
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HFHQ53	479	850238	1 - 727	15 - 741	BF025694, BF794950, AL516199, AL515320, AL532397, BF699660, BG104156, BE383914, AW853030, AW839070, BE384100, AW814828, D26488, and AK000836.
HUVFU38	480	850252	1 - 2865	15 - 2879	AL528466, AL515937, AL532237, AL515936, AL525124, AL532236, AL528367, AL528434, AL515028, AL524995, BE250695, BG111806, AV721549, BE878048, BG259396, AV704379, BE561358, BE081006, BG179611, AA195932, BG254477, BE293120, AW957107, BE890558, AV704489, BG106045, BE868130, BG178706, BF986395, AW582566, BE388805, BE261883, BE276222, BE561069, BE562551, BF979840, BE514039, AW361920, AA126447, AI688244, BE513443, BF575980, BF897807, BF530689, AI299929, AA772339, BE675680, BF792461, BG249935, BE905864, AA480039, BE744995, BF308989, AI333993, AA602978, AI972665, AA780383, BE559738, AI084506, AA196096, AA625213, AA902390, AW069482, AW369988, AA418817, N99166, BF060744, AI198937, AA479634, AW327284, AW055168, AW511171, AI261876, W49832, BG037058, AW026236, AW964812, AI129281, AI668787, BF183828, BF219396, AI050728, BF750546, AW236223, AA025636, AA428220, AA176446, AI300107, AI040239, AI039488, BE313610, AI276088, AI275452, AI332679, AA603339, AW578583, AI739314, AA429340,

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HUDBK3	481	850353	1 - 3287	15 - 3301	<p>AL520804, BE560690, BE742062, BE790521, BE899323, BF972849, AL520805, BE744795, BE747425, AU119984, BE560076, BE249844, AU149583, AU134084, BF034450, BE871648, BE870117, BE408508, BF307279, BF340688, BE875025, BE513665, BE728386, BE269460, BG248501, BE885025, BF339399, BE382334, BG115941, BE889122, BE408936, BE305160, BE549253, BE793587, BE277699, BG254158, BE386997, BE397065, BE261676, BE742894, BE296693, BE278674, BF033321, BE304959, BE314372, BF212901, BE264807, BF314259, BF690356, BE379564, AW956831, BE253348, BE304548, BE735604, AI954969, BE727178, AW249929, AW246199, BE254233, BF340101, AW510920, AI740615, AW593941, AI656569, BE395368, BE305028, BE398019, BE540279, AW410660, BE256649, BE788963, AU160329, AI635946, AU157330, W95025, BF981929, AU148218, AI951125, AU147376, AI870259, AW955198, AU127925, AU155192, AI077544, AW028250, AI401718, AU154793, BE398128, AI885184, BE900748, AW873113, AW410659, AA069735, AU146185, AW025091, AW008245, AI817594, AU154676, AI016890, AI954501, AI499064, BF689409, AW381699, AU147710, AA644009, AA599687, AI825343, AW393349, W93340, AA588708, AW765638, AI084871, AW519173, AA687684, AI811921, AA477678, AI860840, W17119, AW514730, BE394701,</p>

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HDPB01	482	850581	1 - 463	15 - 477	BF982188.
HKAPB61	483	850629	1 - 610	15 - 624	BF131978, AA304731, R67648, R71055, AW956573, AA812755, AA344247, AI906808, AI285921, AA917714, AA608997, BF208995, AK000122, and AC002550.
HMEGF05	484	850930	1 - 819	15 - 833	BE255193, AW389851, BG010248, AW389780, BF984555, BE810495, AW389841, BE254704, BE292987, BF741165, BE408399, BE98624, BE254780, BE742465, AI520691, BE066337, AI658516, BF082448, BF851417, and D87071.
HPTVF17	485	850963	1 - 965	15 - 979	AA224259, T87253, BF923435, BE393764, AA968591, U73628, and AC002554.
HDLBF57	486	851303	1 - 791	15 - 805	AL516524, AL523530, AL522627, AL521047, BE250532, AL520378, BE299300, BF314768, BE797074, BF203284, BE257240, BF305588, BF316892, BF312308, BE782304, BE740203, BF317471, BE312340, BG259043, BF304705, BE783998, BE294875, BE909807, BG256226, BE314446, BE261392, BE297500, BF675381, BE744361, BE744966, BE548635, BF033935, BE251256, BE887611, BG119882, AA456543, BE747714, BG248395, BE266756, BE793743, AA126176, BF515616, AL522626, BE792687, AL520377, AL516523, AL521046, AW577340, AA405598, BF037537, AA223646, AW799736, AF143676, AB023049, and AP000512.
HE8QT62	487	851311	1 - 1714	15 - 1728	AW665408, AW613505, BG030618, BE465796, AI739103, AW952903, AW450294, AI432411, AW295155, AI346458, AW104928, AW665365, AW771168, AW752101, AW614194, BF061040, AI040168, AA443231, BE936842, AA846199, AW050768, AI382105, AA969903, AA213661, AU156681, AA213714, AA680356, AW021666, H00349, AI247239, AA443193, R75629, H84011, BF337897, AA019205, T89550, AI192058, AA342622, BF906498, AI984950, AW016702, H84010, AA148657, BG256716, C02452, AI651149, AW900852, AW504163, T89462, R75728, BF094383, AW900055, AW177473, AW177492, AI350666, AA161357, AI695407, AF246234, R10139, AI245907, BE787062, BG121187, AL526477, BF965645, AW900054, R10546,

HE9FI33	488	851342	1 - 548	15 - 562	and AK001888.
HOUBJ40	489	851343	1 - 722	15 - 736	AV656281, R01832, AV651324, AV651869, and AV651287.
					AI819381, AI310001, AI765179, AW469513, AA430317, AA916310, AA165202, AA642449, AI026968, AW771605, BE502623, AI420843, AW079421, AI934173, AW015472, AA905985, AI363754, N64513, and AI352030.
HHEVC06	490	851355	1 - 1128	15 - 1142	R94248, AA886480, AW963444, N77480, AW505253, AA825827, AV760388, AF111167, AC003950, AL139286, AC009948, AC004787, AL162424, Z99716, AL163210, AC005821, AF131216, AC002375, Z99755, AP001711, AC008753, AC005529, AC008745, AJ010598, AL121897, AC005971, AC002091, AL158141, AC025593, AC005840, AF168787, AL157938, Z86090, AC007216, AC004962, U95742, AL049636, AC009314, AL121929, AL021878, and AP001712.
HE8FS36	491	851478	1 - 522	15 - 536	AA081924, AI826032, and AW139546.
HE2SS47	492	851581	1 - 1234	15 - 1248	
HTELD06	493	851722	1 - 908	15 - 922	BE144299, AW963157, AW797329, AW797435, AW797324, BF208787, AI902754, and AI902734.
HDPJH06	494	851787	1 - 2211	15 - 2225	AU123917, AW965127, AI268323, BE537090, BG165313, AW192928, AW276212, BE567670, AW235662, BE813321, AU136774, BE701024, BF435975, BF061774, AW772181, AI418496, AI206440, AI807458, BE047930, AI765697, AI571531, AI963307, AA284379, BE701023, AA029521, N46812, AI800943, AA954945, BF752658, AI698158, AA582925, AA029456, BF130638, N40954, N45167, BF111150, AA868735, AW377314, AA847201, BG059073, AI753676, N39320, N50565, AA910022, BE873987, AW770649, AW104970, AW367831, BF132245, AW367857, AA452831, W31257, AA292701, N50509, BG055311, AA452971, AW367869, AI651989, BE007388, BE007387, BE007389, AA995702, H48376, BE007394, AW367835, BE007375, AA188623, BE007385, N91822, BE007417, BE007383, BE007386, AW022443, H87038, AW238781, F09098, BF752965, AA832105, AW368954, AW368943, AA344658, AI500038, AI635645, AI382824, AI924708, BF327766, H87039, H48286, T67638, D25737, AI565186, AA344782, F04983, AA095952, AV749671, AA846992, F11435, AW877247, AW369597, BE907218, AW051197, BE007418, AI702073, BG249582, AI473536, BF525883, AL079963, AW983832, BG114012, AI281757, AI923370, AI241923, AL079960, AI538564, AI570807, BE047852, AI915291, AI624293, AI433157, BE392121, BF812960, AW163834, AA908294, AI335426, AI348777, AL037030, BF814453, AI251221, BF812938, AI922550, BF970652, AI678357, AL046618, BF812961, AI884318, BE826058, BE541267, BG166654, AI633125, AW026882, BF812936, AL046466, AW152182, AL039086, AI950664, AV741327, BF811804, AV715762, AV682468, AI698391, BG058150, AI8668931, AI801325, AI500714, AV682326, BG029667, AI889189, AW051088, BE543089, BE544111, AI335208, BG113299, AI923989,

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HDTKS69	495	851859	1 - 1303	15 - 1317		AW976887, AW241409, AW403367, AW964903, AW470531, AW291973, AA761563, AW296680, BE855893, BE858613, AL476419, BF115895, AI298990, AI298992, AI294755, AI937015, AI307369, AI694490, AW297292, BF886279, BF377965, BF886270, BF445139, BE139195, BF888690, BF886264, AW631316, BF888646, BF886278, AV711730, BF377959, AI598112, BF377985, AI336892, BE669511, AW197707, BF886262, BF884957, BF888699, BF888645, BF886269, BF377962, BF377988, AI681415, BF377967, AI222929, BF886266, BF886274, BF377977, BF377955, BF886281, AV752210, AV752844, AA989234, AA349603, BF888692, Z46051, AA452428, AI681890, BF888701, BF438158, BE465280, AA452250, BF377956, BF888693, D61164, AA962297, BF377991, BF240861, T33053, H12108, AL536728, R41947, AA325625, BF377964, BF888703, AI468118, AI302325, AA096343, BF884959, Z41663, BF377958, and AL122044.
HE6CH89	496	852568	1 - 2419	15 - 2433		AL133779, AW961788, BF726698, W63676, BE046412, W63789, AA659693, BF114614, BE646183, W60959, AI951970, W94209, AW044233, BF668056, AW663548, W04957, AI139947, AA514302, BF084925, T91396, AA846232, H27231, AA789002, AA581966, AW129678, AA347970, H28581, N20018, AA249370, AA449282, AW188870, AA809643, AA295134, H75715, AA449227, BE841554, BF378732, T90114, BE841633, T84625, AA610150, BE710736, AI040666, AI279919, BF130410, AA526037, H75644, AI925869, BF687723, BE153177, AI925860, BE706664, BE706539, AI690750, AW362955, AI299663, BG035577, H61476, H59488, AA633424, AI299662, AA602906, AA347969, BF839249, and AA622801.
HDPGS20	497	852676	1 - 820	15 - 834		BE560117, BE545259, BE296330, BE728430, BG037034, BE783399, BE397114, BE267957, BE410734, BE270054, BE729999, BF529231, and AI003007.
HWBBZ12	498	852760	1 - 4195	15 - 4209		AL521810, AL521731, BE874635, AI307239, AW303301, AW951149, BF692324, BE645157, AV719105, AW965997, BE958390, AW511198, AA151800, N62802, AA280093, AL521809, AA769586, AI016311, AA190568, AI128102, AW592389, AA286941, BE467469, AI690591, AI417149, N93916, N35258, AI656458, AW819899, AA114171, N31408, AW057592, BE503040, BF217243, AI962336, AI652288, AI653042, AW501088, AW300374, AI798157, N35259, AL521730, H05662, BF511775, AI209166,

					AA234870, AA134534, AI469529, BE569011, AA114207, AI090001, AI090000, AA988512, AW573080, AU152966, AA815131, AA458847, AA149585, HI6290, R52898, AI336807, BF366184, N25776, R67271, H05663, AA740637, BE958323, AA653507, AI656700, AI538210, N44914, AW176403, AA193681, AA927153, BE463813, AI699942, AA280024, AA334073, N40400, R16037, R16341, AA134533, AA737546, AI688328, BF366186, AA806288, AA767138, AA978182, R37746, N35751, AI653910, AA464426, AA312984, AA282508, R52899, AV694160, BE221828, N30139, N48344, N49120, AW235411, AA194072, AI240620, N62171, R41417, AW444980, AA886122, AA887154, AA631265, R13914, AA379725, BF370474, AA346842, N44257, BF377929, BF377889, BF032247, AW795977, AI908681, AA732026, AI792109, AI792420, AA282606, AI049735, AA665968, AI821765, AA715324, AI733697, BF110370, AA247960, AA319253, AI138399, AA713477, AA713787, AK023151, and T66623.
HDPBIE6	499	852845	1 - 598	15 - 612	BE140560, BG025607, BF038888, BG035065, BF510346, AU155348, AU155147, AW953423, W60080, BF700950, AA865478, N90291, BF349120, BE694433, AW450652, BE180648, AA993634, AW449519, AI806539, BE710391, AA351618, AW449522, BF874964, AI827626, AA904788, AK023383, and AL117600.
HMAEP64	500	852960	1 - 1135	15 - 1149	BG054851, BF439942, AI141684, BG008949, AA242853, BE677186, AI281834, BF433831, N50984, AA826047, AW014432, AA977801, AW770255, AA984041, T64272, AA994205, AA252172, AI361098, T64144, AW084330, AI280735, AA931748, BE146421, AW071613, R09320, AI990634, R09211, AA448980, AW388104, AI147841, AI198101, AW517751, AW238793, BF969846, AI627898, AU156992, AW074546, AW072130, AI394689, AI276023, AI457707, AI953242, AI539262, BE907440, BF984530, AI886594, AA761557, AI636788, AI274769, AI933785, AI613471, AW079334, AI539771, AW082532, BG178911, AI568132, AI624304, AL040011, AI627909, BG028962, BF792115, AI934147, D44958, AA947158, AI805688, AI432237, AI696626, BF828567, AI499960, AI554218, AW084097, AI365256, AI446405, AW264688, AI355779, AI036548, AI343038, AI272116, AI336506, AI254251, AW303238, AI889133, BE875407, BF054886, AW268290, AI963172, AW085786, AI249877, BF055737, AI537617, AW263569, AW118414, AI873638, AA150147, AI888621, AI357599, AI244380, AI625926, BE877316, BE874060, AW411412, BF904180, AI537837, AI554343, AI677983, AI471282, AI680498, AI043084, BF750875, AW410972, AI572717, AI620093, AV743631, AI539632, AW409931, BF913615, AW083804, AV709604, AI824557, AI627621, BE393551, BE964767, BF817746, AI473451, BF915316, BE613727, AI932949, AI580290, AI309306, AW104141, AW149876, AI539153, AI433611, BE783150, AW089275, AI677797, AI865931, BF925370, AW193841, AI678446, AA830821, AI245304, AI635367, N74355, AI418128, AL046463, BF924884, AI499986, AW131954, AW248417, AI859644, AI499463,

AI866573, AA835966, AI802554, BF814761, AA806719, AW168693, AI624529, AI859464, AW131952, AW301381, AI567238, AW089327, AI633306, AI475430, AI521005, AI648502, AA493923, AI568138, AI537190, BF9009758, AW129993, AV733682, AI758512, AV756638, AI824360, AW022494, AW265004, AI674912, AI801561, AW073898, AI802826, AI349017, AI037521, AW151847, BE965169, AI611743, AW081866, BF811802, AV703599, AI537075, AI308035, AW268060, AI240135, AW302973, AI800138, BE964981, BF339322, BG107564, AI335411, AI866608, BE964700, AI432229, AI636619, AI565172, BG179295, BE974031, AI918397, BE964645, AI537677, BF816042, AW029216, AW118477, BF868927, AW172723, AW168709, AI862880, AI147686, AI318254, AI741926, BF814449, AI571699, AW500379, AI886055, AI472536, AW082623, AW089006, AI446124, AW025279, BG105342, AI358725, AB020598, AC004126, AK023577, AK000546, AK000450, E03348, E03349, AB033881, AL110171, I48978, AK000247, J05032, AF285167, AF215669, S77771, AI8777, AK024747, U96683, AF205861, AL133072, AF188698, AK027113, AC023880, E02253, U67958, AL049382, AK027182, AL023657, AK024570, AL080060, AF067790, AL122111, AK027193, Z97214, A08910, AL137463, A08909, AL080159, AB034701, I89947, A08908, AK027204, AF185576, AL389935, AR038854, AK000718, AF012536, AK026533, A65340, I26207, AB049900, AF207750, A08913, U75370, A21103, AR000496, U39656, A08912, A08911, I89931, AB047248, AL389978, AL133565, AF116602, U42031, I89934, AR087170, A08907, AK000137, L30117, AJ301634, AR059958, S76508, AL031346, AC009484, AL389939, AF113689, X80340, AL359600, AL137711, AF274348, AF274347, AL137476, Y08769, AF155148, AK026408, AF162270, A65341, AB041801, AL162003, AL359583, AF000301, AL137574, AK026627, AK025015, U00686, AF040751, AR070212, AK027200, AB047869, AF090886, AF113676, AL133014, AL353625, AF159141, AL133645, AK027164, AK025541, AF151109, AB048995, AL137641, AK026556, AK026462, AR016469, AF003737, AF090934, X79812, AB050411, AB050534, AB051158, AF217987, AK026947, AF047716, AK000753, S69510, AF119856, AL137558, X66975, X93495, D55641, I22272, AF111112, D83989, AL359941, AF126247, AB048913, AK026642, AB048919, AK000636, AL122098, AF106697, A08916, A93350, AF217982, AF218023, AK025708, AX010492, AF155827, AF139986, AL096751, AF104032, I48979, A92311, AK026464, Y16258, Y16257, E02756, Y16256, AF116646, Y11587, AF217966, AL389983, AL049460, AK026452, AK025524, AL117440, AL122118, AF081197, AF081195, I68732, AK024538, AF271350, AL050015, AF119875, AJ299431, AK026518, AK026045, AF225424, AF130100, AL353957, AF177336, AK026885, AF176651, AF120268, AF130092, AL157479, AF116649, AB047631, A08915, AL137273, U80742, AL049452, AK026551, AF208850, AK000647, X83508, E15569, I89944, AF113013,				
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HTYSK68	501	852980	1 - 565	15 - 579	AC002467, AL353802, AF026816, AK026865, AK026624, AF119337, Y10080, AK027096, AR019470, AB047887, AB050510, M86826, AL133016, S79832, AL389982, A03736, AF022363, AF230496, AC002564, AK026532, AL133067, AL137556, AL137557, AL133093, AL050277, AR029490, Z82022, AK026630, I17544, AB050431, AL110158, Y14314, X54971, AL133568, AL080137, X65873, AB048888, AB047904, AL133665, AL359618, AC004227, AF113691, AC006994, AK000652, AF116691, AF114170, AF116676, L19437, and X87582.
HDAAD50	502	852987	1 - 2278	15 - 2292	W76206, BE892371, AA045430, BG165714, BE067761, BE067599, AW604257, AW604258, AW608062, BG027832, BF082486, BE410601, BE621092, BF746863, F00707, AW183659, BE765320, AI005256, AW139829, AA526313, BE349541, AW972653, AU123291, AI769723, AW195597, BF921966, AI908211, AV709436, AV751309, A62731, and AK024219.
HNTNC03	503	853174	1 - 795	15 - 809	BF979868, AU139403, AI908467, BE889829, AW753110, AA534879, AI123433, BE566224, AI692197, BE542928, AW753090, AA767381, BF208045, BF794425, BF436983, BG164095, AW511053, AW969335, AI913281, AW955434, AI522156, AI670900, AV724704, BF000574, AW753089, BE501680, BF105238, AW275367, AI459401, N20936, AI623733, AI627242, AI371861, AU157976, N24391, AU149797, AA831674, AA835896, AA417729, AI356961, AI453036, N27804, AI078123, AI376171, AA480585, BE465586, AI674322, BF670952, AU157539, BE087582, AI817344, AI867897, H99142, BE889447, BF063321, AA825911, AA604689, AA504353, AI829860, AI638163, R16151, AI093185, AA602146, AW753088, AI025691, BF438954, AA173422, BF678657, H23392, AW183115, AI866985, N94845, AA782422, AA173512, N63526, AA393750, AA970899, N42975, AI202443, AI623734, H23281, W72180, AA779566, R15410, AA769362, R19830, R76511, AW235242, R44725, R45927, R76512, AA279923, AA361478, AA626869, AL040001, AI468946, AW769710, BF107251, Z21325, AW299412, AW119233, C00448, AI434293, AA809980, AF191838, AR016417, AF174536, AK002192, AF191839, and AF145705.
					AI131253, BE067780, AW305082, AW237044, AA830100, AA421070, AA025511, AW993523, AI274853, N32443, R70354, AI685853, AW949793, AA420990, AW949794, N23738, R70353, N64804, AA115795, AA758003, AI393511, AI400593, AI421934, AI022207, AI419316, AI360871, AW661961, AW474531, AI094853, AI350949, AI668844, AW591521, AA398677, AI204113, AI083523, AW474490, AA625661, AA478577, AI147474, AW009344, AI264028, AI287600, AI745227, AA427956, AI361058, AW055024, AA639992, BF939863, AA677093, N34840, AA678281, AI086648, AI572140, N51463, AA056256, AA535085, AA627509, H79313, BG114657, N64760, AA393323, BF515805, BE857443, C01602, H10460, BF197896, H28024, R78391, AA570617, BF197888, R43355, AL537721, AW020489, AV712485, AA492446,

						AA715624, AA450037, AA371629, BG166418, AI086047, N90080, BF242820, R23200, AI659542, AA903186, R28390, Z38820, BE179664, BE179593, AI474240, AI471187, R39562, BF977226, N54391, N34906, AI990226, AA370525, AW750319, AA319158, AA503110, AA025818, AU131398, N76354, BF983209, R78390, N76168, D26067, and AC007246.
HCFNG65	504	853186	1 - 2669	15 - 2683		AL520019, AW965074, BF966803, BE907988, AU136803, AA292285, AW242897, AA481605, AW190410, AU154591, BF195973, AI636493, AU150382, BF334255, AA399187, AA490303, AI432407, AW003248, AW058097, AW613051, AL042324, AA490395, AI669436, AI057424, AU156517, AA648369, AA609423, AW779893, AI057419, AI823433, AA055975, AI754362, AW615173, W00815, AA740999, AI619960, AA056003, AW002199, BF756564, AW235192, AA832288, AA657864, AI368977, AI208560, BG030572, AI954427, AI184592, BF676092, AI888413, F06438, AA251676, AI470785, R53637, AI434370, H25490, R54220, AW452928, BE243536, N57953, R94036, H74165, BF963694, H90376, H48301, H06080, AA732759, AA824570, AA720892, AA251677, N69262, H60339, Z25257, R39030, AI188350, F04691, H25445, H96158, Z28877, R99995, AA363446, Z45827, AW804047, AW955093, AA353208, R14249, R51824, BG250874, AA344147, H63558, T80308, R24988, R93991, H91285, AA285259, AA649237, AA434029, BG166619, AA343843, AA702776, AA481540, T03777, AW013849, AA626078, AU136143, BF329847, AL096748, AK001882, and AK001721.
HLMMI85	505	853213	1 - 795	15 - 809		BE900784, BF794218, BF791795, AI885381, BF037238, BE901504, BE873362, BG248640, BE398146, AI568350, BF061125, BE263482, AI568355, AI760257, AW628438, AI292133, AA535203, AW249219, AI168147, AA243345, AI291016, AA977229, AA992604, AI003960, AA774418, AI682408, AI351526, AI857534, AA996147, AI628719, AA158984, AI720303, AI347727, AW248797, AI273824, AI620238, AA614444, AA243544, AI150104, AA872243, AW967798, AA903492, AA158624, AA649230, AI291548, BG059113, AI492665, AA025685, AA470812, AV741835, AI826219, AA025567, BF446078, BF435031, AA745181, BF445492, AI090436, R58607, T24632, BF057482, AI719645, AW952457, AW961037, AW945168, AW965144, AV658835, AW961463, AV651436, AV725055, AW020592, AV729439, AV708653, AW949453, AW951273, AV703042, AV727839, AV722222, AV721957, AV684417, AV708075, AV706987, AV693527, AV650024, AV707727, AV726605, AV703263, AV706775, AV707889, AV648430, AV727980, AV704934, AV705323, AI525653, AW022086, AW960579, AW953868, AW950438, AV725580, AV753074, AW966420, AI886206, AW021777, AW949477, AI557808, AW954384, AV704350, AW023863, AW952414, AW020328, AW953394, AW021178, AW963879, AW961253, AW963028, AW950220, AV688667, AW022826, AW963490, AW958647, AV654896,

					<p>AW953930, AW950716, AV728592, AV685966, AV645906, AV709869, AW022308, AV683272, AV683415, AW950267, AV708834, AW963915, AV686346, AV690007, AW953657, AV655425, AW020634, AV728806, AV703222, AW950223, AV703168, AW954031, AV705384, AV727512, AW949433, AW952439, AV728670, AW964095, AV727990, AV727776, AW950247, AW950035, AV701580, AV705632, AV698087, AV706721, AV708004, AV706659, AV702117, AV702932, AV707753, AV702026, AV705341, AV704269, AV652443, AV707024, AV727819, AV729259, AV706744, AV701620, AV707296, AV704824, AV702994, AV726738, AV707767, AV706915, AV704182, AV705223, AV697638, AV653845, AV726229, AV729462, AV703472, AF161407, AC005757, AC005779, and AF218031.</p>
HBGMZ39	506	853966	1 - 576	15 - 590	<p>AI820661, AA989356, AI791493, AW972538, AI791282, AI732537, AI792053, AW207804, R72427, R22360, AA505927, R22019, R72474, and AC008537.</p>
HHHIA70	507	854202	1 - 1684	15 - 1698	<p>AUI23924, AV712459, AV713778, AV715623, BF699449, BG032394, BG256561, BE881193, BG032497, BF765887, BF571543, BF211444, BE960612, BF789915, BE883523, BF691904, BF765887, BF571543, BF211444, BE960612, BF789915, BE883523, BF701507, BE565565, BE566925, AV716400, BE568689, BF244455, BG180086, AA928757, BF244610, BE567236, AU154863, BE966666, BF197225, BF701085, AI041056, BF242863, BG119951, AA777023, AW605844, BF668812, AU155740, BE710106, BE170706, AI250804, AA133274, AW192753, AU157424, AI424047, AI339978, BF241568, AA076059, AU156139, BE780213, AU155997, AW297486, AI803258, AV758208, N95058, AI161155, AW236323, AW073491, BF241036, AA639357, AI817155, BF448506, AI309269, BE621573, AI061069, AW769318, BF240888, N91833, N92272, W31126, AA566096, AV722948, AW795229, AI159771, BF241569, BF572630, N57457, AA173423, R71558, R15750, AI350782, R81297, AW062991, T77623, AU157135, AA160358, T92895, BF512692, AW798549, AA612885, AA683182, BF213137, BF734616, AA649626, AA434223, AI192011, BF130714, AA864518, AW169366, BF795618, BE620006, BF241417, BE261280, BE621158, AA991504, BE905799, R69368, AI471217, AV750427, BF924747, N51436, AA173513, BE622550, BE965818, AI985930, BE397078, AW798551, AI280636, AA304806, D59419, D59418, BF239224, AI024052, AI925359, BG256626, D63079, BG105905, AA092898, BF247817, N29513, BE278555, AA812364, BE542633, AI886982, BE834067, R69369, AW503504, BE870476, R71504, AI471893, BE302362, T92985, W19525, W24451, AA283287, BF900198, BE872795, AA129670, BE931171, BG116466, BF570724, R81190, AI783968, BF933830, BE090319, BE150855, AA483073, AW969701, BF665373, AW627449, H80761, AA076155, BE163597, BF352779, AA090537, BE619343, H80760, H79112, BF691268, AUI38019, AX011687, AK001226, AK002059, AF208851, and AC002044.</p>

HNTNA78	508	854267	1 - 1568	15 - 1582	AI377951, AL521476, BF571396, BF690972, BG168844, BF576614, BG168927, AA478899, BF692249, AI970420, BF838384, AA478780, AI522149, BF571271, AA758425, N28525, AW956237, AI954716, AW197154, BF541232, BF838382, BF687607, AI631753, AI829079, AI765476, H99846, R56161, AW274419, AI371713, AI951909, AW769338, BF516230, BF680632, HI9109, AI932682, AI138219, AI925973, AI956119, AI301748, AI378559, AI080154, AI755080, BF000829, H05933, AA031313, AA736498, AW090099, AA852791, AA852790, T07303, AA928061, R55988, AI699043, AI087918, AI468315, AI469137, R56048, AW297359, AW749818, AA248855, AW517996, Z38380, BE938071, BF091711, AI760228, R55989, R57425, AC005082, and AF218026.
HOVAN91	509	854277	1 - 1310	15 - 1324	BE392523, BF341045, BF338150, BE747964, BF526954, AA2933895, BE3933803, N78405, BF345041, Z43548, RI5203, FI1332, FI1336, AA324381, AI457481, AI458684, AL519858, BF341518, AL519859, AU152841, AI291292, AI458990, AW139401, BF934189, AA928861, AW139402, and AK001610.
HL YER32	510	854463	1 - 940	15 - 954	AA029331, AW664067, BE503813, AI186667, BF432974, BE503819, AI690124, BF064018, AW300343, AW813946, AI829341, AI802185, AI797180, AI700514, AA807670, BE466953, AI361710, AW975528, AA962421, BF925974, AA972769, AA834591, AI631229, AA931661, AW664640, BE041581, Z28658, Z24936, AW963973, AA077292, AI186729, T87682, T87683, AW885786, AA029330, AW885825, AA169324, BF332264, AA225538, AB032973, and AC004918.
HFPEL47	511	854659	1 - 719	15 - 733	BE277823, AF284435, AF181284, AJ243874, and AL031575.
HTPIJ41	512	854779	1 - 2576	15 - 2590	AL533804, AU138032, AL533803, AV717452, AI741654, AW952397, BF309916, BG114820, AA476815, BF112198, BG036318, BE969641, BE302254, AA886870, BE390586, BE150546, BE327418, AW965860, AV725911, BE150425, AW770112, BF577149, BE895478, AW748782, AV729676, AI620282, AA282484, AA604615, AI199277, BE018684, AI937434, BE044645, BE439716, AV717152, AW606003, BF000782, BE391373, AI333984, AA653690, AI382103, AI123740, AU157432, AI768399, AA934911, W23609, AI744082, AI289871, BE327410, AA418277, AI797540, AI367419, AI367400, BE939455, BF678360, AI580127, BF223908, AA136349, BE939458, AA885898, AA305525, AI285587, AA235117, AI800539, AA125938, AA128334, BE939482, BE939480, BE090130, AA652315, AA961059, AA278483, BF735246, BF735076, BF735708, R81196, AW294564, BF734915, AA974222, AA707588, BF735816, H86503, W69866, AA707611, AV655281, BF735665, AI480419, BF735400, BF734911, AI452703, BE465470, BF735409, W69760, AW664874, BF735815, BF735169, H06098, BE765065, BF735152, AA869002, AI583185, AA487915, AA136262, M85357, H97382, BE764944, AA456645, BF735655, H97460, BF735393, BF735492, D79791, BF674143, BF734950, AA488030, AW372887, AA127061, BE764945, H05805,

						BE204735, A1525947, AA235225, BF734909, AW610096, AW393414, AA225371, BE073259, R81305, AA443761, AW970010, A1758772, D62593, C00633, AA937181, A1378882, AW953657, A1611680, AA360242, BE018810, A1375295, AA573571, BE148577, AW610097, A1216877, T25380, BF886124, BF735716, BE302372, AA653625, A1002936, AA905028, AA970838, BF955284, AW207421, AW393401, BE927471, AA247908, BE939483, AA013258, BF735077, BE150692, BE939481, BF092428, AA013141, T25381, BE939457, AV735547, AA278957, AA362753, A1903337, H92468, W96192, AW379803, BF735055, BF245661, and AK002062.
HNTNC49	513	855013	1 - 1287	15 - 1301		BE798823, BG034154, BE409853, BG258958, BE535519, BE869600, BG034115, BF943604, AL535475, BE159229, BG248396, AW249265, BF878999, BF348332, BG258481, AW958840, AA312273, AA181796, BF803663, BF994234, BF973327, AL517246, BF346353, AA357585, BF874508, BE536309, BF348676, BG180415, BE613919, BF685495, AU125754, AL522846, BE868901, BF342484, AA377891, AW964034, BE159180, BE514241, BF762748, BF034118, BF896264, BE797287, BF830251, AA779390, BF920086, BF763793, AF099100, AK022719, and AL133589.
HLTCO94	514	855239	1 - 600	15 - 614		AL536841, BE735678, BE618087, BE737509, BE900924, AA481191, BE252257, BG165549, BE871566, BE868205, AA326771, AW239445, BE535298, AW603822, AW841966, AW603835, AA249452, BF317226, W40382, BE539334, BF026164, BE908485, AW157388, AA074385, AW157140, AA076522, W40381, AB041581, and AC010000.
HBIMT77	515	855274	1 - 729	15 - 743		BE407428, BE729546, BE246285, BE245964, BE244779, and AV723921.
HTLV70	516	855314	1 - 1791	15 - 1805		U66688, A1420480, BE262351, A1656922, BE312023, BE266429, BF973695, AW958847, A1168486, BF206779, BF312540, AA116009, AV647766, AA116008, AW374319, AA349960, R89046, A1083583, R89692, AW575734, BF206363, H67248, A1680780, AW015363, N22021, A1825488, AA719140, AA357634, AA077165, BF315974, AW960651, A1989486, AA309016, AA524463, H49149, AU141037, BE247057, AA190206, AA585380, AW291827, AK002018, AK024401, and AF047690.
HFADF33	517	855433	1 - 624	15 - 638		AW964861, A1199113, T03555, AL134750, AW964857, BF941466, T33390, AW071846, A1372071, A1000085, A1341994, A1290858, H20140, AA490324, AA831108, AA761080, AA831270, T15766, A1028648, T15377, A1768928, AA504496, AA436241, AA831107, AW006092, AA810105, T33661, A1937561, AA909438, H45997, AA961978, R59510, T17110, H51407, H16747, T33279, AA903891, H44071, AW418599, AA490428, H40313, F02637, H21621, H82614, H11585, AA719838, R39306, A1885029, AA350201, AA720515, R41852, BF109022, A1809976, H09947, A1694671, T16218, T15842, R38929, F04745, R40798, R46843, A1971591, AA831269, R43111, R44115, A1206924, R44343, R46040, H40036, AA765359, R44764, R43227, A1202064, A1422537, T15867, R55715, R48930, R43364, AA761663, R37457, AV751274, BF947642, AA448314, AA447622,

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HEIJQ73	518	855453	1 - 2259	15 - 2273	BE898276, BE740864, BE297799, BE253799, BG112280, BG036183, BF973037, BE395589, BE560491, BF673132, BG164463, AA884494, BE778924, BF978036, BE274205, BF698558, BE999993, BE737910, BF211746, BG165127, BF063578, BE738495, BF211831, AI654040, BE742425, BF031179, AI469999, AA287791, AI768296, AI554076, BF002403, BE299277, AW665618, BF978383, BF541222, BE671490, BF571881, AA918122, AI334995, BE565502, BF109294, AW316843, BF664615, BF028462, AA283819, AI190721, AA885304, AA947288, BE139521, AI376080, AW515939, AW294431, AI701521, AW572456, BF978230, N70879, AI079991, AA828548, AI924590, W28275, N54968, AA286996, AA715376, BE894981, AA283121, AI768811, AV656854, BE738367, N24988, AI867360, BE737736, AA136616, AI694656, AA156825, AW264839, AA136536, BE551257, BF572137, AA935936, AI739519, AA287059, AI635716, C05729, AA973142, AA910701, AI018315, AV692078, AA136748, AA907617, AV657226, AA284221, T51661, AI094457, BE957995, BF817789, AW976780, C03474, AI419599, AW977142, AW517648, BF063810, BF107009, AA136779, BE893461, N75944, AI911943, R24221, AA905142, AI880440, AI827565, D20239, AA749381, BF244819, AA223546, R24222, W05176, BE000179, R85502, AA126686, BF132615, AA731933, AA814421, AI500107, AI738476, BF594359, BE964686, N36495, AI570056, BG167830, AI868680, AI538564, AI590227, BF033066, BF752997, BF811804, W45039, AI434969, N25033, BG163646, BF764528, AI633125, AW073270, BF766531, BF669151, AL523067, BG122005, AI701097, AI678446, AI582932, AI683173, AI423733, AI698391, AI568293, AI884318, AI863241, T69241, AI915291, AI810544, AA019328, AW168452, BF215638, AI473536, AI633000, AI514473, AI491775, AW302960, AI579901, BF812961, AI590043, AL121653, AL133245, AL117587, AX015915, AF130056, AR038854, Z13966, I80062, AF273680, A52184, X68497, A77033, A77035, I89947, AK027209, X99971, AC003001, S69381, AJ001202, AK026462, AB040710, AF124728, AF060555, and I35261.
HAGGV44	519	855714	1 - 2281	15 - 2295	AW005818, BE327107, AW005636, AA564863, BF110826, AI806133, AI521912, AW148943, AI436308, AI720136, AI188425, H41336, AI273679, AA768242, AI150633, AI752510, AA424667, AW510795, AI202140, AA255824, AA761094, AA701863, AI720247, AA233858, AI807720, AW090104, AI079837, AW474094, R67162, AA252876, AW892362, AI473204, R61085, AW449831, AI922494, N31216, BE219459, AW206913, BE674199, T17032, AI287598, N77570, AI630970, BE567461, BE550777, T23835, BF434275, AA639314, AA256628, AA255823, AA156335, R96988, N86020, AW960534, AA303374, AA232776, AI347290, Z42298, BE503825, H41583, AI493754, AA252898, AI056208, R96932, AA256521, AA424570, AI902687, AI333641, AI400503,

HTTDM15	520	856108	1 - 812	15 - 826	BE844088, H22375, H52758, BE669588, AI797149, AI078680, BF762000, AI143375, AK000022, AL096808, and AA585335.
HADCY76	521	856212	1 - 1771	15 - 1785	BF314540, AU125474, BE734208, BE746984, BF575571, BE883532, H66950, BE092409, AW190087, AW896216, AI910194, AA079565, BE699057, BE186054, BE876022, AB007866, and AL109823.
HDPXW75	522	856251	1 - 536	15 - 550	W94262, AI057055, W78912, BF574085, and R12644.
HMCDC50	523	856301	1 - 625	15 - 639	N46466, BG058736, AI337376, AA522544, W86648, AI279721, BF222867, AI341807, AI651516, W86523, AI245138, AI262580, and AL354889.
HMAZ55	524	856326	1 - 729	15 - 743	AW340329, AW977501, BF679228, AA628140, AA867981, AA748304, AW366881, and AB014574.
HTXNB76	525	856497	1 - 1155	15 - 1169	AL523642, AL529465, AU137690, BE069366, AW838306, AW177706, BE253683, and AK002022.
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BE965169, AI758512, N98597, BG250746, AI336386, AI500659, AI336662, AI312325, AW071395, AI345156, AV738918, AW083572, T95813, AI340659, AI307569, BE138712, AW071377, AI311159, AA128487, AW079432, BF827575, AW059828, AI307494, AI687568, AW081383, AI336654, AI340644, BE138684, AI313352, AV736474, AI343030, AI334930, AI309443, BE042186, BE892572, AI345562, AW130711, AW302854, AI349944, AI887765, AI887775, AI307520, AW827289, AI345477, BE138624, AI273856, AI336585, AI345026, AI307454, AW268122, AI500706, AW271119, AI445237, AI349266, AI334452, AI349787, AI310592, AI340664, AI307542, AI344938, AI345817, AI137641, AC002500, AI390154, AI137560, X59812, AI389935, AR068466, AK027111, AR083279, E12579, AR050959, AL049452, U77351, AI137527, S36676, E12580, AR038854, L40363, AX040974, AB048995, X57084, A08910, AX015915, A08909, AL122049, AK000418, AL049464, A08913, AF118558, AF056191, AK026526, A08908, AK026522, A08912, S53987, AF030513, A08911, AL110280, AF119856, S77771, AL117435, AK024538, AL137300, L13297, A15345, A08907, S75997, S78453, A76335, X63162, S76508, AC023880, A07588, AL389939, AR060156, A27171, Y00093, AF115410, E02914, AL359624, AF126247, AR053103, AR000496, U39656, AK026744, AX046842, AL137558, AF146568, AL122093, AL133049, X96540, AK026631, AL117438, AK026870, AK024974, AF058921, AL096728, AF124396, AF176651, AF106657, AF117959, AK026647, X66862, AL162008, AF217989, AL137536, AK027146, AF217982, A07647, AK024747, AR074149, AK026855, AL008706, I48978, AK026408, X98066, AF116691, AR020905, AF159141, AK027129, AF116609, AL137711, AF274348, AF274347, AF208026, AL050092, AF008439, AF055917, AK000489, A21103, X63410, D83989, AK025391, AL122104, U58996, I52013, AB048954, AK000083, AK025119, AJ238278, AF082324, AF130099, AL137712, AK025708, U37312, L31396, U57352, U49434, Y14634, L31397, AJ004832, AF130102, AL080060, AF161699, AF114170, AK027081, AB026995, Y11254, I89947, D44497, AB050534, AF199509, U68387, AL137660, AF287051, E06788, E06790, AR034821, AR081734, E06789, AC003032, AC005353, AL139279, AC004822, AC004686, AC007172, AB049892, AF017437, AF175903, AK026867, AF132205, AK025860, AL137461, U53505, AK026793, E15324, AX015403, AK000247, AF116649, AL117440, AL117432, AL137548, U89295, X06146, AC002464, AF061943, AP001343, AP001434, AC025735, AC005057, AP000161, AC011484, AC012502, AC005048, AL353802, AF042090, AC006222, AC006338, AC005291, AL163282, AK024570, AC010088, AL110171, AF314091, AK000450, AF137367, AF118070, E04233, AL137640, AK024601, A44314, AK026164, AF115392, AK000636, E12806, Z82022, AK026749, AK026947, X75295, AK025669, I30339, I30334, AL133016, AL157431, AI353940, U80742, AL137488, AF010191, AF139986, X65873, U35846, AF040723, AR066486,				
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HLWDD49	526	856506	1 - 655	15 - 669	<p>AL080074, AF285167, AF167995, AK026038, AF026816, AL079293, AC021020, AL137627, A41575, AB048953, AF215669, AF038847, AK027104, AB050410, AF166267, AF107847, AL050277, AF229585, AF119860, and AF177228.</p> <p>BF993655, AA368329, N69399, BE008086, BG013521, AA833828, F24745, BG231141, BE178471, AA758275, H52638, AA565911, AW242279, AW063341, AA721523, H68343, AW814527, AA367672, AI889426, BF838823, BF872623, BF874288, AW591276, AA550989, AA485482, AA135811, AV761433, AA078384, R87547, AA721530, AI818362, AI357109, AA827490, AW853197, BF815843, AV740716, T54173, T12424, BE149998, AW821000, AI749306, AW572715, BG150692, BE184419, BE184420, AW167330, AA834817, AV658068, AU154840, AV762687, BF856766, R32162, BE072042, AA121890, F34605, AW162627, AI791294, BF851005, AW029277, BF772498, BE706737, BE830302, AI92839, N27874, AI816142, AA648957, F16848, AW976105, AV731013, H59328, AA832025, AA084927, BG113821, AA846482, BF808295, BF767996, AL080039, AA831919, AW876826, BE044767, AA425924, BF991881, BF960460, AW749816, AW582575, BF933561, AV760014, AW844636, AA378207, BF900880, T90264, H15241, W45215, AC005391, U91321, AL121952, AC004552, Z98949, AC008750, AL135939, AL035705, AC005971, AC005014, AC004596, AC020914, AC004752, AC011484, AC003108, AC005020, AC005610, AC016617, AC020913, AF031076, AC004007, AF196972, AL139339, AL022722, AL158040, AL133454, AL109838, AL049832, Z69713, Z73639, AL121883, AC008892, AF064861, AL163279, AC008474, AC004686, AC008482, AL031311, AC007363, AL390759, AC005028, X98126, AL161937, AP001439, AP000143, AP001594, AL109967, AC004099, AC005399, AC002504, Z97985, AC016995, AF031078, AC005255, AC003962, AC004706, AC016597, AC053513, AF030876, AC011495, AL121891, AC005244, AP001714, AL354812, AC006125, J00089, AL356354, AD000092, AC020934, AL136218, AC007570, AC005844, AC008736, AL031595, AC004583, AC002980, AC024083, AL109769, AC016395, AL135960, AI131016, AC003681, AP000350, AL133263, AC003109, AC005280, AL031283, D87008, D88268, AC006026, AL035690, Z49866, AC011554, AL035443, AL136305, AL050349, AL117380, AC008545, AC003662, AF196779, U02047, AC006059, AC010745, AL031843, AL110122, AP000300, Z98051, AP000113, AP000045, AC002546, AC010219, AC007151, AC003007, AC008379, AL022164, AL163302, AC009408, AL445189, AC005763, AC004779, AC005564, AC006500, AL161781, AC006160, AC006511, AC016543, AR070366, U02051, AC005881, Z93241, AF195658, AP000963, AC004991, AL031295, AF285443, AC011455, AL133548, AC006038, AL049780, AC007055, AP000270, AC000035, AP000104, AP000032, AL096801, AC004659, AL121601, AC000025, AC005527, AC004832, AC005529, AC007540, AL158830, Z68276,</p>
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					AC004522, AC004977, AC004847, AL133448, AP000090, AL034343, AC010463, AL034417, AL049709, AL049540, AL049843, AC003072, AC005778, U07562, AC004636, AC005902, AL133342, AC004540, U62317, AC011497, AL132777, Z84466, AC010271, AC007955, AC003044, AC007688, AC009756, AL031587, D45180, AC004938, AL355984, Z93015, AC011559, AL132866, AP000194, AC004097, AC002404, AL139100, Z84480, AC008872, AC002300, AC009247, AC083866, AC003041, AJ295844, AC004159, AL034380, AP001330, AC015853, AC003688, AC002558, AC002301, AC020906, AC009784, AL022721, AC012076, D87675, AB012922, AL109855, AP001695, AF075097, U85195, AL021397, AL353701, AC005052, AC004824, AC005209, AL118502, AC022173, and AC007207.
HLQGX48	527	856704	1 - 1466	15 - 1480	<p> AI912275, AI523814, N21278, AA747306, AA814477, AW117338, BF507448, AA826112, AU145117, AI968842, AI458612, N31213, BE675599, AI680646, AI702188, AW594235, BE552090, AI350311, AA481615, AA255889, AA291310, AW978229, BF223338, AA688178, AW204443, AW500827, AA805991, AI701746, AA210742, AA813950, AW499763, AF147767, BF088418, AI557751, AI254609, AV718692, C14407, T11417, C14227, AA737027, D81111, D80064, D59503, AW204856, AW966330, D58246, D80258, D58101, C06015, AW949643, D80166, AW973445, AV719188, D80014, AA810766, AA514184, C14331, AV646970, AW973541, AV718707, AA809122, C14344, AW975618, D80168, AW964468, C14298, AW966043, AV702035, AV740249, AW966531, F13647, AV718908, AW949642, AV699550, AW962245, D80248, AW966032, AV724520, AW960532, AI355686, AW959582, AI557774, AV720791, AW966075, AW966065, D80251, AV718489, AW949631, AW973473, AW973326, D59627, AW966386, AV719557, AW966534, AW960553, AV699479, AV700889, AV699746, AV720729, AW960483, AV701004, AV699715, AW966332, C14389, AW966399, AW960473, AW966368, AW965175, AV700357, D80949, AW959469, AW973334, AW966343, AV719913, D52291, AV727414, AV699480, AW959202, D51079, AA287859, D59695, AW352117, AV720878, AI277234, AW962395, C15076, AW962082, AV719391, AA287860, AV694084, D80022, D80195, AV720291, C03092, AW966385, AV738340, D80391, D57483, AV720203, D51759, D59787, AW973447, AV718770, AW966398, AV692290, D51022, D80157, AW956434, AW964488, AW949633, AV720533, D80439, D80268, AW966029, AV722801, AW966053, AW960465, D81026, D80043, D58283, BF349354, D59619, D80210, AW966333, D80240, AW966389, AW966059, AA504591, AV719945, D80045, AW978634, D50995, AW978642, AW973474, AW950578, AC007381, AJ404611, AK001035, AX047063, AX033851, AR016808, A84916, A82595, A62298, AR070327, A62300, AR087649, A30438, A45456, AR092424, AR008277, AR008281, AB028859, AJ132110, AR008278, AR018138, AX047064, AX027925, AR060385, AF058696, X64588, I14842, AR054175, </p>

H2CBH17	528	856745	1 - 2400	15 - 2414	<p>Y17187, Y17188, AB002449, I50126, I50132, I50128, I50133, X68127, AJ302649, AR091537, AR060138, AX021518, A70867, AR062872, U46128, AR016691, AR016690, AR016514, A63261, AR077702, A67220, AR074139, A94995, D26022, A26615, AR052274, A43192, X67155, Y12724, A43190, AX035434, AR038669, A25909, A64136, A68321, AR066488, AF123263, Y09669, AR066487, AR074136, AX028130, AX020191, AX047062, D89785, A78862, D34614, AX020190, AR093385, I79511, AR008443, D88547, AR032065, D50010, AX014811, and AR008408.</p> <p>AL535612, AL528352, AL529078, BF984476, BG031674, BG164923, AI816816, AI739004, BE673438, BE887500, BF530680, BG166586, Z78323, BG110470, AI632786, BG169003, BE614564, BF341033, BF593083, AV713551, BE175655, AI478790, BE788863, BG034070, AI921884, BF576981, BF031364, AA046908, AW952425, BE884923, BE535946, AI700235, BF508929, BG106575, AW581575, AA628768, AI800049, BF132189, BF063645, BE465748, BE618157, AA877858, BE618737, BE536612, BE883703, AW386704, AA928423, AA190629, BE540168, AI207510, AI375581, BE466078, BE773664, AA948368, AI185073, BF035981, BE536026, AI860126, AI815682, AI191336, AA534765, BE175777, AA476488, AA046419, BE773939, AW022072, AA282062, BE696484, N39225, AA041386, AA306627, T65177, AV706244, AI879983, AI720921, T65110, BF213807, AI143153, AA534439, AW404247, R60095, AW235882, AW023142, AA970486, T19337, BF351443, AA449159, AA639879, R60033, BE773649, Z43474, BE696481, T34427, F11834, AW952273, AA946986, BE836524, BE773632, BE168435, H72634, AA307487, AW665659, T26967, AV762970, Z42711, BF858561, BF858592, BF858562, AW407068, BF858577, BF858590, AV689558, AI984207, AI678009, AI744784, N55730, Z44175, BE827450, F11018, AI689373, BE716327, AA328209, AI984218, AA354757, F08270, H72635, BE041498, Z39551, T30561, BF031778, AI589953, AI002843, BF373506, AW262881, AA828237, F02192, AI351242, AA191158, AA102729, T34536, AA324937, AI143361, AA551155, AW961370, BE297894, T32468, BF857134, AA041426, AV660746, AI090947, T32541, AA102728, AI400907, AV661503, F04498, N55981, BG153054, AW386701, AW176735, AW176736, AA287311, AI652718, AW579838, AI220286, BF577106, BE773607, AI202522, AI031820, BE963167, BG110249, BE612549, AV699211, AV708834, BF342377, and AK000759.</p>
HLQEF25	529	856748	1 - 1041	15 - 1055	<p>BF695330, BF577065, BF694710, BF693790, BF790324, BF575003, AA948096, AI810387, AV719315, AA182396, AA182918, AA182923, AV720180, AI190465, AA479148, AA993691, AV646291, AI580838, AA176443, AI084581, AA178889, AV682627, AA181509, F34953, H59400, Z25287, Z25389, H60056, AA479147, H54086, T98798, AA181502, Z28893, AI701328, T99107, F00368, F26701, AA181515, F35827, AI243087, F00348, BF671671, BF826947, and AV659719.</p>

HTOHA37	530	856923	1 - 1082	15 - 1096	AL517490, AL530029, BF980012, BF968398, BE395251, BF529065, BF688249, AW961334, BF689158, BE869082, AA436974, AW301595, BF433050, BF433932, BF446695, AL517491, AI627769, BE300486, AI148986, AW295167, BE673725, BF244755, AI095891, AI338889, AL528568, AA228704, AW300645, AA938998, BE798985, AW514097, AL527696, AW290959, AI584103, W51788, AA631562, BE535497, T30453, AA593364, AA593259, D20778, AL530030, AW148377, AL522339, BE795128, T19553, AW998155, BE379035, AW998152, AI371361, BE274347, BE158361, BF315941, AA228703, BE174179, T19552, BE799698, BF206096, BE261163, BF206413, BF207220, BE262884, AW156939, AI696364, BF314126, BE274351, BE727781, BE274079, BF315253, BF311506, AL522338, BE312342, BE386675, BE617584, AK025729, AF139828, AF132951, AC008910, and AF143952.
HLHAW26	531	856982	1 - 676	15 - 690	AW966138, AA334784, AA359470, and U96409.
HKAAZ46	532	857100	1 - 779	15 - 793	AL528377, AL526620, AL525016, AU125634, BE541448, AW403508, BE781367, AW192307, BE866614, AU131672, AK022700, AF102851, and AI049636.
HAQAF12	533	857311	1 - 790	15 - 804	AUI36448, BE903793, BE903753, BG176915, AA586576, BE831774, AI087937, BE831773, AI093911, AA813680, AI188578, BF997808, T90345, AI541326, AI540870, AW135361, R22633, AW135913, AI651792, R22632, BF837016, BG001236, BE774095, BF988360, BE067056, BE774105, BF996551, BF993353, and AK001898.
HTXBX35	534	857404	1 - 974	15 - 988	BE297624, AW861509, AA635033, AW295816, BE271022, AA086486, BF311840, AA345490, AA452442, AA150077, T89360, BE910434, AI090051, BE270837, BE513565, AA565672, C17985, AA574147, AW953005, AA345045, AW246828, BE502458, AV701650, T83387, AI188232, BF891007, T81575, R54455, AW197716, BF366833, BE082767, AW082895, R44834, T84125, AK026088, AB040924, AK025801, AK025357, and AF157327.
HE8TE64	535	857478	1 - 818	15 - 832	BG260560, T77601, F13022, BE819486, AW176702, R29135, BG033797, and AB018322.
HL3AC38	536	857623	1 - 1151	15 - 1165	BF690273, BE747012, BF689728, BG248343, BG035837, BE621181, BE744990, BG258252, BF316560, BG030079, BE410349, BG024606, AW409922, BG180843, BE314795, BE387681, AU129413, BE742504, BG222368, BE271515, BE909811, AU127513, AW150215, BE384233, AI829709, AI268295, AI379827, AA442815, AU151535, BE621854, AW404090, AI203710, BE858149, AI246732, AW088503, AA083573, T08067, AI142394, AI076760, T78227, AA626189, AW952606, BG122489, AA610734, AI628869, T31972, AA730146, AI250915, BE778414, Z39519, AW407185, BG036993, W85819, Z42081, N56151, AA446370, BF967860, R37876, AA583648, R37875, AW385406, BF922693, Z43439, AK023015, AF053628, AC005041, and AC007306.
HMUAO3 1	537	857664	1 - 942	15 - 956	AL523893, AL532371, AL528047, AL514988, AL536797, AL517512, AL526381, AL518934, AL530464, BF974928, BE792751, AL532291, BE794552, BE796681,

					BE559812, BE794478, BF792263, BF316151, BF305070, BE793464, BF337362, BF313072, BE730996, BE891719, BG258224, BG119156, BF313508, BG028833, BG259546, BG116902, BF303799, BG031751, BE275877, BF203301, BF036038, BE279412, BE409662, BE787642, BF664511, BE267058, BE267057, AW247639, BE409527, BE885004, AW249331, BF345061, AW249223, BE018380, BF569389, BF312380, BF569712, AL518933, BE047609, AI620935, BE266786, AL523892, AW965795, BE262650, AL532370, BF797678, R49742, BG178818, AV686283, BE787632, AL528046, BE910467, AA311885, AW410325, AV685178, BF570445, AA155725, AW327498, AA053570, BE274327, T10033, BE274615, AA133517, BE047901, AL531878, AL531877, AA714182, AA279371, H67187, AC004528, and AC005391.
HHAWD3 3	538	857697	1 - 1181	15 - 1195	AL520868, BF027000, AU143258, BF027048, BF026920, BE561485, BF027349, BE905983, BF033256, BF528140, BE870220, BF797577, BF794153, BG249297, AU127476, BE908190, AL520867, BF975211, BE739614, BF213004, AW960659, BF215875, BF218077, BE741921, AW602198, AA082654, BE792922, AW673689, BE792117, AW609584, BG032420, AW957421, AU118175, AV722650, AI632244, AI973067, AA171541, AV762777, AV740104, AA259077, AW675298, AI970197, BG256593, W47299, AI566084, AW889818, BE856364, AI970604, BE622440, BF795187, AA171510, AV737260, AW960661, W27244, AI186139, AA974285, BG250940, R63104, AW973647, AI393821, AW963194, AV761390, W46286, BE958292, T92848, AI801940, AA076964, W47166, N35537, AA377718, BF243852, AW139836, AI954760, AI968036, BF976012, AI621120, AA632217, AI638878, BE890724, AA258232, BF873993, AW293111, R63062, BF332291, AA554669, AI674530, AA932787, BF696408, BE087526, AW374135, AA323229, W05749, AW881901, AI560413, AI763145, W33065, AI52240, AW966291, BF437380, T80554, AI948883, W38887, AI525275, AW843228, BE068262, AI289392, AI400800, BE739151, T32536, AK022822, AF161384, AK002212, AF161385, AK000991, and Z61305.
HTZMB08	539	857723	1 - 390	15 - 404	Z22738.
HJBCE86	540	857743	1 - 1879	15 - 1893	BE741368, BG256289, BG113536, BF033848, BE898310, BE870809, BG167366, AA311866, AW969023, BE167520, AW814056, AW818350, BF825716, AI628496, AA504370, AW962851, W92916, BF062604, W93241, BF223494, AA377641, T87379, AA558693, BF816509, T79835, H05207, BF370823, AW956487, T84399, BE396475, AI202345, AI927617, AA504112, AA219564, AW875767, AW875928, BF969522, R94015, BF987109, AW440068, BE926223, T90221, and AK026976.
HFPCK56	541	857809	1 - 1929	15 - 1943	BE739833, AV751551, BE539375, BE619356, BE879961, AA012925, AA418407, AW028084, BF061035, AI690904, AI949671, AA449061, BE219361, AI955218, AA772167, AW771435, BG122658, BG056669, AI305287, AW952787, AI039957,

					AW373177, BE440106, BF344446, AI796800, AI421026, AA037175, BE857334, AI689738, AI680796, BF001323, AI360089, BF438532, AI568970, N56916, AA418504, AA410416, BE797251, AA976077, AW299760, AI948837, BF223290, AI925315, AI744545, H22687, AI560863, AA931566, AI801467, AW373172, AI307790, N33168, AI620925, AI685502, BE876258, AI186166, BE545371, H22670, N44951, AW589991, AA772572, AI094972, N39575, AA351859, AW026324, AA861181, W27237, AA469378, AI049895, AA449773, AA402063, AA937530, AW803238, H96974, BE878083, AA938412, AA151221, BF907727, AI311559, AA351860, AW028003, AW079992, AI276817, W32509, AW139343, AI888644, AW130580, AA044269, AA410273, AA993422, AA687549, AI813495, W27206, AW373182, BF941191, AA340324, AI143750, H14486, R53630, AI370443, R48542, AA151220, AI271975, AI860157, R12193, AA321771, W93548, AW593928, AI140110, R62328, BF941785, AW275061, W32606, AI611136, AA398924, T66931, AW138501, AA758353, R48627, AA991280, AI581671, AA349145, N59828, R96451, BF527602, H04226, AW515323, AA991278, AI918973, R96452, AI687472, AI674456, AA338948, BF747204, AI985395, AA142905, AI268792, H27505, R12929, AI280425, AI370507, T83253, W27541, BE719110, AI961564, AA410417, AI284737, T90723, R51963, H27578, T66932, AI880036, AA338947, AA847693, AA364215, T49336, AA069380, AA026556, BE939130, BE538557, BF818515, D54538, AI360057, AI351186, AA044169, H02921, AW138557, R62327, W96350, AW118418, AI198091, T10481, BF507638, AI424187, AA847337, N72776, AI335238, AI873143, AA436364, BF735896, AI682149, AI868856, AI419753, AI472343, T49337, AI394598, BE002485, N46721, AA652885, AI810464, R39917, AI927142, BE787445, AA069327, BE622776, AI078649, BE620017, T11055, AI564318, BF987031, AX015375, AL162074, AB042237, and AF099664.
HAPSP72	542	857844	1 - 790	15 - 804	AA883971, AA279963, R72577, AW407668, BG027230, AV653067, AV734755, AI423283, AI080765, H39710, BE894063, AV743087, BE089346, and AF090899.
HACBM44	543	857913	1 - 478	15 - 492	BF894434, AA772839, BE613856, AA070022, BG257837, BF683728, BE182197, AW816423, BE514232, BE269045, BE561837, BE297684, BE268536, BF686266, BE561914, BF348341, BF900754, BE270716, BE514301, BF902815, BE269031, BG035835, and BE889023.
HLTEO24	544	857964	1 - 579	15 - 593	D78845.
HHFJP51	545	857977	1 - 436	15 - 450	
HHFLL87	546	858001	1 - 1977	15 - 1991	BE730079, BF530314, BF338153, BE728474, BE467496, AV724172, BE703447, BE703444, BF967936, BE703446, BE703288, BE703411, BE703243, BE703287, BE703417, BE727145, BE276336, BE703324, BE703400, BE703310, AI814505, AA057243, BE703200, BE703244, BE703269, BE703236, BE703479, BE703326, BE703356, BE256491, BE703332, BE703331, BE410506, BE703225, AA719313,

BE670970, AI025014, BE670130, BE703277, BE703364, AW953988, AW904343, BF931510, AW604323, W92282, BE703272, BE703402, BE703336, BE703289, AI797104, AI368765, BE858615, T34894, AI190953, BF920729, AI417195, AA759265, W26202, AI459793, AA719557, AA015807, AI041398, AA021416, BE703344, BE703226, BE703321, BF931506, AA443248, H40581, AI885131, BF807028, AA046921, BF948531, BE857333, AI085643, AA046453, AA788914, BE045219, W27034, AI076384, W27614, BE700982, W27321, BF931009, BF948179, AA719655, BF899062, BF920283, BF364693, AI306509, BE348520, BE045244, W15183, AA443210, AW015179, BF822310, BE277415, H30618, BF364694, AA046467, BF931012, H30292, AA814559, N58834, H38989, AA057521, H46686, BF948173, BE045226, BE703410, AI457677, W39637, AI081726, AI961673, H46335, BF931512, H85817, BF804437, AA018314, AI797336, BF948524, BF948482, AW387092, R46308, BF807112, BF588479, AV707740, H86430, BF948142, W28790, H28098, AI566805, AA364376, BF931503, H81818, AI359186, AA019621, H92837, H49984, H41499, H85824, AW661828, AI936563, BE387789, AA857520, AA384821, AA016108, W22944, H50026, BE221046, H86229, BE766636, BG222840, BF808801, AI286075, N57572, AI368633, AI368634, BF839378, H46685, BF822306, AI244368, H40833, BF364677, AA069459, AA018171, R54956, Z40616, BF967140, H81819, Z44833, H41613, AI421538, BF960312, W92465, BF960305, H38426, AA337641, W15451, AA059271, AA364819, BF960302, AI554760, AA021417, AA702335, AA317646, AI272152, AA01002, BF960311, AA064816, AA365666, N75251, BF512150, C20695, AI860628, AA364065, AA412417, T34762, AW905446, AW360895, AA339520, T33755, AA364416, AA069648, AI219955, BF364518, BF948541, AW071980, BF059309, BF745933, AA015808, AA971878, BG055312, BF933229, AA782828, AA758433, AW905449, BF002025, AA873143, AA339033, AA059227, AA351091, H37786, AA016051, T31938, AA019659, BF090230, R46212, BF931501, H85354, T34932, BF934200, AW135898, BF931006, AI887051, BF931007, H86586, BF931504, H86090, BF967882, AI633477, BF957864, AA322532, R88814, N79281, H95912, BF364674, AI452993, H85357, AF093249, AF101054, AF100612, U89715, AF081583, AF071000, AF101053, AF100613, AF000272, AF118562, AF081582, AF071001, AF179306, E12580, AL049452, AB007812, E02221, AL110221, AF067728, AX042059, X63162, AJ010277, AF130077, U49434, S61953, U76419, AL117585, AK025239, X93328, AL162004, AF130056, AL080060, AF017437, AK027081, AF118090, AL137480, AL137547, AL355713, AF159615, AK027164, AL133016, S53987, AL080129, AC020581, AF119883, AB048974, AF130110, U92992, AK024545, AL050170, AK024594, U92068, AK026626, AB033884, AL080162, AL137533, A08910, AF013214, AF067790, A08909, AB016226, AK027116, Z82022, E12579, AJ242859, AL023657, AF015958, AL442082, A27171, I89947, AF111851, A08908, AF218005,					
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HCUDR30	547	858010	1 - 578	15 - 592	AL537942, AL534242, AL527448, BF696096, BE312444, AA304903, AW503291, BE901740, BE731529, BE243050, BE245640, BF853861, AA909013, AL527409, BG011149, BE564330, BF761193, AW663919, AI192939, Z19492, BF894331, AW263118, AW183340, BF925859, T30478, BE766913, AW450182, AA430358, AA430332, AB041605, AF211859, and AF185591.
HHFH124	548	858020	1 - 627	15 - 641	AL133342.
HSIA148	549	858030	1 - 598	15 - 612	
HHFBP47	550	858073	1 - 1051	15 - 1065	AA203115, AA001259, AW961743, H69425, H68732, AW341717, AA778598, AA346824, AA707336, A1632467, AL050350, and AC002464.
HKADE35	551	858104	1 - 830	15 - 844	BG119757, BG170168, BF307487, AU137041, AW583171, A1884713, A1761426, AW961739, A1816016, AA535378, BF684161, A1869337, AA131094, A1249699, AW614114, A1218746, BE295299, A1469925, AW961740, N79760, AA927285, AA902207, A1130718, AW882943, W07208, AA448078, W02262, AA115546, W72783, AA889154, BE940629, A1220570, R00154, R00155, BF434422, AW262887, AW450558,

HCFAW88	552	858107	1 - 756	15 - 770	AA130970, BF822970, AI361955, W21211, AA115083, BE856483, AI361947, AA347763, N48234, D12320, AI035690, and AK001963. AI533888, AI520318, AI951749, BE395042, BE251326, AI571803, AI021931, BE257270, AI530622, AW024940, AI023746, AA306490, AW295451, AI418206, AI240266, AI418223, BF216867, AW294426, AI343854, AI245358, AI767945, AA464683, AI350205, AV736738, AA977564, BF215223, W42796, AI301348, AW592778, AA974763, AA908999, AV740701, AI350678, N43024, AI037922, T67103, AA298928, AW190060, C14760, W42688, AA297690, T94495, T94475, AI478584, AW365898, AI656889, T62095, BF223309, AA868949, AI200903, N30921, AF063605, and AF161461.
HISCV20	553	858108	1 - 2725	15 - 2739	AI527328, AI527289, BG029721, BF115619, BE544694, AW964987, BF002108, BF002100, BF031529, BE788828, BF038066, AV694634, AW027782, BE785151, BG036326, BF031242, BF939550, BF382985, AA917321, AW977444, AA854957, AA521384, BF032638, AW466967, AW408024, BE789609, BE787439, AA844350, BE857617, BF242377, AA166975, AA913595, BE813914, BF841239, AA287827, AA418784, BF819991, AW996732, AI692485, AI276163, BE674010, BG167495, AW590272, AI129275, AI765667, BE738644, BE566867, AI311555, AI827288, AI097614, AA765231, AI968870, AA418730, AI192364, AI027867, AI744696, AV724655, BE041523, BE929880, AA233763, BE000998, BF438544, AI285236, AI056106, AA213557, AI167821, AI360036, AI289210, AA342122, N53400, AW339321, AW170226, AI148737, N49395, AI767688, AA714352, AA287828, AA233814, AI803036, AI074273, AW999094, AI026044, AI287887, AI422736, AA884204, AA639449, AA166822, AI088180, BF750463, AW001792, AI536562, BE544121, AI935282, BE464866, AA001688, R78283, BE546758, H00831, R78865, AW016550, AA709410, AW197325, AA844412, AA406278, H67197, AA788787, H67870, AA468799, AI721067, H87488, R62257, T90260, AI766944, AI968836, R68949, D78677, T69966, BE000702, R62149, H87419, W32207, H87489, AA788735, BF994640, T90701, R94757, AA577055, R78284, BE000676, AI028057, N49484, AA342123, R31934, R24151, AI920949, AI636210, AI769630, R79352, R31980, AI371532, AA767915, W32264, AI146580, AW241443, BE551963, AW241500, BF332740, AI568885, AI953137, BE001102, C01870, AI656647, N39270, AW997327, AA903048, AI655771, BE171980, AI277792, AA889512, BE814493, AA700794, AA404318, AI041427, AP002023, AP002022, AI049963, AB020970, and AB020969.
HHIEUE88	554	858214	1 - 1337	15 - 1351	AL523779, AU131189, AU133187, BE783561, BE867250, BF699945, BG037141, BG117680, AI739046, AW130603, AI695012, BE868966, AW405438, AA973733, T27227, AW575386, R44060, AA173346, R49395, BF436899, R35008, BE379331, H49151, R18946, AA347083, R14163, AI766126, BF447018, BG055004, AI421690,

HHESR56	555	858221	1 - 403	15 - 417	AL042544, AI142139, AI142137, AL119418, AL119522, AL043019, AL042896, AF181994, AK001716, AK023153, and AF181995.
HHENU62	556	858281	1 - 564	15 - 578	AW190508, BE257879, BE276412, BE902633, BE241687, BF312731, BE874333, BF027542, BF528144, AA453537, BF205635, and U62317.
HE2RG38	557	858353	1 - 1340	15 - 1354	BG104528, AA836271, AI741911, AI032698, BG261359, AI281113, AI191665, BE568580, AW135688, BE170003, N24155, AW189382, BE392213, BE936240, BE541341, AI263150, AL529082, BE169971, AI032904, AW373723, AW904359, BF792763, and AF148713.
HCEVS49	558	858355	1 - 3096	15 - 3110	AW026983, AI096371, AW978449, AI805266, BE671144, BF313094, BE675256, BE671545, BE313399, BF126007, AI813506, BF527842, BE261326, BG030121, AI814357, AA278622, BE018768, AI703092, AW583230, AA706326, BF433201, AA488980, AI022087, AW968974, AI122704, AI818809, AI222918, AW072442, AI275108, BF829851, AI159815, AW193443, AA292263, AI423425, AI144320, AI609781, AA485429, AW104920, AI272950, AA428327, AI334199, AI033680, AA022909, AI086031, AI804628, AW190837, BE383669, BE677447, BE676774, AW136424, BF940449, AA258336, AA844188, AI740853, AA485593, AI057476, AW139461, AA278619, BF836072, AA829838, AW409894, BF836066, AI831028, AI417028, AA040603, W79625, AA063603, AI568977, AA009977, AI566791, AW207462, AA489202, AW473862, BF836062, AA258500, BF870248, AA054223, BF801885, AI476664, AA022977, AI564834, W84629, AW193442, W79481, AA278946, AA811062, AI263269, BE772525, AA854136, AI244605, AI017828, BF804301, BF823633, AA488758, H10442, AA843762, H40417, H51352, AA018100, H50514, AI813689, BF057494, AA057616, AA854370, BF877350, AW382297, BF528516, AI349422, W84680, H45660, AW601952, AW576325, AW381714, BE843327, BF742078, AA428852, H40805, AA830623, H45601, AA705407, BE720180, BE832334, N93711, R90839, AA844116, R47803, BF756715, BF756782, BF944304, AA504224, AA768075, BE938371, BF326394, AW601824, BF088729, BE070423, BF438701, BF761729, W21098, AA047781, BE929287, AA890426, W42938, BF757566, AI824215, BE938291, AA729090, BF836067, BF758306, AA065147, AW411171, BE784516, BG261000, BF312239, BF568526, AA036685, AI424954, BF791888, and AC004528.
					U69564, AL537837, BF237602, BE741712, BE313325, BF568110, BE740552, BE799632, BE740533, BE906531, BG029791, BF341878, AL527111, BF312690, BG036285, BE798874, BE294282, BF689430, BE384979, BF314883, BF038180, BG222518, BE336694, BE264037, BG033664, BF058080, AW085697, AW954669, AW088228, BE221256, BF307166, BE251705, BF204265, BE900626, BE300976, BF690377, AI815879, BG114609, AW615570, BF315806, AL079461, BE349448, BG056733, AW958270, BE298933, AI813540, AL038992, AW190842, BF340695, BG106308,

					AL049094, BE256600, AV696220, AV693975, AI752278, BE504382, BG255364, BE260182, AU157496, BF984186, AI752277, AW006629, AW071607, AW029278, BE312303, AI675814, BG119218, AW300723, BE207152, AI983127, AW250994, BE537012, AW250316, AI183989, AW082832, H06527, AI803552, AI682029, BF950758, AI697628, AI027484, AI929185, AI187908, AW296985, AA720868, BE387598, AA070184, AI640815, AI221346, AW002534, AV684522, BE266062, AW892634, BF941957, AI978881, AV691335, AW008898, AA534593, F06591, AI041516, AA493405, H07063, AA601139, R41733, AA962036, AA593580, W22153, T50422, AW374824, BG179375, AA565593, AA330975, AW627854, BF981852, BF756421, H06582, AI244327, BE273002, F27429, AA780871, R63725, H16345, Z39572, BF963596, H07064, AA310536, AA377656, BE768408, BF445899, BE770301, AI135247, AA326424, T50553, R64547, W81496, T15575, H44003, AW176593, AW390818, AA347673, AA070348, AI648464, AA378999, BF680725, AA353275, AA355852, AA374015, BE710163, AA180482, AA653185, AA627569, AA307441, AA630000, T16808, H42808, R63774, AA295697, R64546, AL049097, AA158424, AA179729, AI004515, AI290176, AA515558, AW290873, AA158527, AA708444, BE046307, R81768, AA992022, AA016091, BF984839, AW473834, BF337310, AI344056, BE010512, F37346, AB020697, and AK002076.
HKGBP90	559	858433	1 - 973	15 - 987	AU128527, BF796067, AL528220, BF239056, AA442422, AA479166, AI823507, AA479165, AU137156, AI217410, N31699, R00425, BE789559, BG177143, R10543, and AK001445.
HOELK66	560	858436	1 - 2304	15 - 2318	AU117405, AL530997, AL529169, AL135037, BE878842, AW955927, BE298245, AW960167, BE386483, BF593630, AI340318, BF727196, BE348748, AI436218, AW052084, BE222524, AW571483, AI352457, BE970217, AI984228, N41838, BE645325, AI340098, AA599198, AA418418, N51941, AA043809, AW182492, BF739941, AA890032, AI127842, AI702474, AI681103, AI744530, AI803215, AA705363, BE856644, AI090984, AW276355, AI080655, AW276410, AW105466, BE708316, AI277102, AI831903, AW089467, AW242791, AA626319, AU144241, BE464402, AU135117, AI261867, AA781551, BF196206, AW602876, AW275186, AI694852, AA678395, AA143320, BF593442, AA687211, AA417876, AI078241, AA969187, AA043660, BF900486, BF333655, AA336439, N24073, AU155838, AA309055, AA975959, BF433444, AA143356, AW935400, AA745787, BE090295, D79158, H73220, F32584, H60361, H68701, AA418460, AI468726, F36314, AA143369, T32005, AW001819, H26566, Z24843, AI864215, T52171, AI582960, BE710302, N53726, H84814, AI346204, BF572525, AA143308, AI268878, AA482531, T52182, AA210898, AI348618, AA922607, AA845288, Z28591, BF570631, H59089, BE697157, BF309130, BE073872, AA728919, BE697091, AA330170, AI073396, BE694982, BF348762, H26565,

HHFMX34	561	858449	1 - 1278	15 - 1292	AW843892, AW796682, T52247, T52258, AA928517, H50220, BF132441, AK000917, and AB023218. BE275378, BF791879, BG112790, BF968736, BG254462, BE275915, AW580665, BE263098, BE744965, BF973712, AI951844, AI697543, AA127398, BF063168, AI825828, C06390, AI744238, AI090282, AI498944, AW371122, AW371115, H95221, AA804499, AI394091, AI650279, AA419209, AA402808, AI086334, AA600979, W45242, AA419224, BF439274, H95222, AA402800, AW438677, AI092188, AA804612, BF772169, H41027, AI003494, AW044106, AA380652, AW958526, AI568586, BE930863, W42686, BE747861, AA618395, AW371126, AA554683, AA872598, BE062041, AI571424, AI702854, and AC068499.
HOUED48	562	858450	1 - 952	15 - 966	AL537074, BE733236, BF664002, BE734188, AL537980, BE541794, BF984256, BE278556, BG168068, AG21878, R16058, AL537073, R48625, BG118498, H06532, BE296427, BF915081, BF917935, T81623, W56243, BE929147, AI806997, AA279374, BE763432, AA531459, BF341872, AA279109, BF088660, AA279631, AI394672, AW087792, BE763399, AA767321, BG163730, BF526041, AA804782, BE833009, AI123992, AX035942, AF134404, AF139813, AC004228, AC003025, AC004770, AB041560, and T66644.
HHBB26	563	858451	1 - 1078	15 - 1092	AL537073, BG118498, AW005365, BG163730, AI133555, AW518845, BG231597, AA814375, AI419315, AI830935, AA642405, AA642379, AA262103, AI421947, AI86741, AW080967, AI088702, AW337792, AW769910, AW303866, AI085696, AW264721, AW263587, AI279180, AA731885, BG168068, AA807076, BF341872, AI375824, H06474, AA827586, AI127474, BF445799, W56323, BF526041, BG055791, AA279631, AA340771, R16057, BG028267, AI140643, AI523650, AA825264, AI400549, BF915081, AI755187, AI216692, BF917935, AI364162, BF886501, AI798264, AA531459, AA886229, AA279632, AA410667, AA730214, AA235582, AI784277, BE763432, C01213, AW273612, M91491, BE763399, AI277133, AI039041, AI052391, BF088660, AA621878, BF835624, BE833009, W56243, AL537074, AW963071, AW951748, AW953042, AW955684, AV692622, AV646990, AW959213, AW957665, AV645836, AV709607, AV652826, AW955967, AV704757, AW955639, AV697308, AV690866, AV707380, AV727361, AV709334, AW958059, AV657500, AW957944, AV646724, AV705873, AW965555, AW958040, AV696219, AV708726, AI557707, AV686516, AC004770, AF139813, AC003025, AC004228, AF134404, AX035942, AB041560, AB021980, AF126798, AF309557, and T66643.
HHAUZ72	564	858492	1 - 659	15 - 673	AU141383, BE537667, BF359516, AW166235, Z43858, AK000399, AL355103, and AK023885.
HWMAM4 1	565	858536	1 - 1598	15 - 1612	AL520657, AL520658, AL522597, BE732295, BE790785, BE792835, BG104235, BE899593, BG248527, BF529516, BF128722, BF207081, BE797840, AV681522,

BE548729, AA034095, BE279990, BE262937, BE560958, AA099014, BF683179, BF149380, BE409895, AA443460, AA521261, BF149417, BF972266, BG231704, AI380466, AV708717, AL522596, AI601258, AI922591, BE559954, AI568423, AA521360, AI340192, AA576296, AI018766, AI929207, AI149390, BE222604, N26097, N56989, AA156490, AI751520, AI362844, AI092927, AI885624, AI554676, AA443342, AI144510, AI361418, AW073509, N39813, AI300469, AI302840, AA054959, AA134109, N26662, AA836018, BE546367, AI660772, AA045420, AI763377, AA999788, AW262496, AI148818, AA576417, AA961788, AI918062, AA045314, AA156140, H23879, N36737, AA887768, W01353, AA420615, AA102403, AA099091, AA055421, R40598, AI686531, BF222554, AI421021, AA363039, H47023, H42173, AA811052, AA631072, H85513, AA130256, AI969959, AI093973, AA702964, N62818, AI826514, AA443329, AI632688, AA357703, BE265435, AI470639, AI918816, AI472869, AA829362, AI868052, AA809432, AI186580, AA568573, AI241611, H23880, AI216887, H46484, BE766321, AA778803, BF896430, N47374, AA356491, AA102402, BF054717, D12235, AW402451, D12191, D12183, D12198, AI954721, AI500113, AV659451, AI043166, BG222794, AI798359, AI537677, AI648567, AI654286, AI560545, BG167830, AI927233, AI538615, BF812963, AI804505, AI815239, AI500659, BE883591, AI866465, AI474699, AI537643, AW983691, AI815232, AI866691, AI801325, AI500523, BF812438, AI538850, AA088789, BE885490, AI887775, AI582932, AI872423, AI590043, AI923989, AI284517, AI500706, AI445237, AI491776, AI289791, AI926593, BF811804, AW151138, AW983703, AI889189, AI521560, AW151974, AI285417, AI500662, AI623302, AI924051, AI539800, AI582912, AW172723, AI284509, AI538885, AI440263, AI889168, AI866573, AW058275, AI633493, AI434256, AI866469, AI434242, AI805769, AI888661, AI500714, AI284513, AI888118, AI285439, AI859991, AI436429, AI355779, AI623736, AI889147, AW194509, AI581033, AI371228, AI491710, AI431307, AI440252, AI440238, AI047422, AI567971, AI866786, AI860003, AI610557, AI431316, AI242736, AI784377, AI539260, AI828574, AI887499, AW151979, AI539781, AI431238, AI539707, AI702065, AI885949, AW089557, AI559957, AI285419, AI521571, AI872315, AI469775, AI932620, AI866581, AI696340, AI047398, AW074057, AI567953, AI815150, AI446495, A45787, AF130078, AK000484, AI049423, A41579, I48978, AF132730, AC008897, AF260566, AL133607, AL137561, AF159141, AK026057, AF026008, AX040958, AL133084, X98066, AL133070, AX040974, AL133655, U30290, E13998, AL389982, AL049276, AI8777, AB011076, AR038854, AX010492, AL162066, AL050366, AK026571, AK025015, AK027136, AK026182, AK027222, I48979, AK026844, AF067790, AL080227, X83544, AK025377, X66113, E12888, AF130054, AR083264, AF183393, AF132979, U80919, AL133053, AK025669, AK000250, AK025589, AL133015, AL133608, AL133049, AR073709, AB047819, AR055519, AL133051, AL161628,					
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HCEOV70	566	858578	1 - 1020	15 - 1034	BF207316, AW952330, BE048308, W47088, R60686, T07981, AA136179, Z43256, T31228, T31051, BF870216, AI627772, W731841, AA243646, AI269329, BF516127, AI885745, AA715133, AI243495, AI186338, AI669326, AA687631, AI568648, AI221359, AI383362, AI440345, AI082826, AI382930, AW963418, AI991097, W15577, N31749, AA975036, W45551, AI685480, C14841, AI288512, AA243774, AI675227, T31221, AW152293, R33810, AW960536, AI167613, BF967918, BG118746, BF529216, BE242226, AI698949, BE793296, Z45670, AA193542, AA372274, AI401041, AI866509, AI948515, D56180, AI267727, BE858620, AA527274, AI375152, BE464336, AI161214, AI026748, T30406, T33877, W46985, AI682778, AI656572, AL121753, AR055638, and AB021226.
HKGDL95	567	858584	1 - 2339	15 - 2353	AI140348, BE893909, BG119201, BG032259, AL042724, AW084640, AV718292, AF074673, BF527847, AV699454, BE779623, AU145735, AU136318, AV745173, BF035488, BG058685, BE551010, AI343468, BF038639, AW575179, AW236238, BF081516, AI675472, AV748648, AV747531, AA126436, AI279164, AI935120, AW402514, AI694570, BF744463, AI924726, H99003, AU150689, AI418449, AI935109, AW173599, AW573224, AW070842, AW192729, W27038, AA775398, AW338994, AA649176, BE568748, BF588715, C05893, AA977091, AU147707, AA040367, AI424920, AI921383, AW960256, AW949850, N45992, BE350115, BF476721, AA111977, AI650806, AW263693, BG261284, AW057891, AA769208, AU156647, AA725733, AA903179, AV698412, W39236, AI040043, BE870586, AA599535, AA972949, AA663521, AI302523, AI050019, BF197335, AA907605, N20975, AV685581, AV697743, W15276, AA083695, T32401, AA976298, AV691284, AW891761, H14871, AI392652, AA133685, BE245943, BE170517, AI702518, AA120987, AI968600, H11921, AI015136, Z36868, AA342508, AA382400, AA133684, AW891763, H88183, H11922, AI830477, BF833298, BF833291, AL044850, AW236770, AA313178, AV689233, AI192221, AA448303, T18935, H88182, AW391124, H71942, AV689258, AA970675, BF839197, AV689254, H72101, AI968558, AA969871, AW407443, H49850, D61511, W31969, AA883364, AV689256, D62244, H13634, AW753793, BF059446, H72203, H49849, AI913682, BF833304, AA448439, BF742485, H14826, BF091774, N45991, BE144136, AA906369, H13635, BF082475, AA912678, BF334303, T36008, BF339109, BE693460, AA569907, AU128401, AL044309, AL044190, BE926408, BE719712, AA778495, AW365730, AW365655, AW365749, AW365756, AW365810, BF929195, Z21605, AW365732, BE000079, BF833286, AA130597, AW903428, AI478396, BF515163, AU121998, D63875, E08855, and L49502.

HSKGN12	568	858602	1 - 1097	15 - 1111	BE910157, AL529252, BF691356, BG249744, BF029936, AL529251, AI310513, W37665, AI052380, AI215926, AI808790, AA843500, AW361977, AA436116, AA436013, BF830647, AW964440, AI087987, AI310417, AA830902, AI248752, N29253, D80500, AI697064, AA761738, AA668365, AV711889, W72451, AI338983, AI351654, AI769624, W76300, AI224359, R99781, N21671, AI031980, AA890666, T78987, AI695771, AA574086, AA723226, AI079679, H68341, AA305802, AI081638, AV684901, AV686045, AV683746, AV686019, AI096794, AV698854, BF031765, AW235947, R66569, R66568, H95196, AV745297, R99007, H96042, AA039725, R00926, R02165, H68273, AA318853, BF375156, H68274, R06733, AA352615, H68342, R06732, BE767051, AI910631, AA449967, AA725387, H95154, BF911521, AW020397, AW020406, BF339562, BF213611, AW961463, AI345416, AI345612, AL038445, AV721957, BF814449, AV703263, AV706775, AI345415, AV702994, AV726951, AI249946, AW161156, BE612681, BG105500, AI624693, AI470293, AW268122, AI452993, AI538850, AW961037, AW965840, AW950438, AW953974, AW965144, BF868489, AV683272, AV708834, BE393784, AV651436, AV706219, AV703168, AI686073, AV705384, AV660662, AV708622, AV729439, AW949453, BE880209, AW951273, AW949433, AV728670, AV753074, AV703042, AV727776, AW950035, AV701580, AV722222, AV696257, AV707727, AV726605, AV706744, AV707889, AV727980, AV705323, AV726229, BG029829, AV702147, BG105169, BF245586, BE620120, AL037582, AI567582, AL037602, AL040449, BF752858, AI886124, AI583670, BG249582, AI335207, AI866082, BG032036, AW827289, AW160905, BG259989, AV655425, BF339310, AW072719, BG163618, AI538008, AL121270, AW960594, BF814447, BF840674, AW963492, AI305745, AW161202, BG178689, AV708992, AV707541, AW945168, AV696106, BF338177, BG255493, BE883989, AI345477, BE138624, AW951263, AW958647, AV654896, AV689111, AV728157, AI591407, BF970449, AW953787, AV645906, AV685966, AV709869, AV704234, AV702026, AV683415, AV708893, AI680498, AV690007, AV725055, AV728806, AI281867, AV703222, AW954031, AI828574, AI358042, AV708653, BF341210, BG107315, AV652156, AW953965, AW952439, AW966420, AA743354, BF038131, AV727839, BF337857, BF343521, AV727990, BG256592, BG110540, BE880182, AV704696, AV705632, BE536058, AV698087, AV726624, AV706721, AV709604, AV708004, AV704955, AV708075, AV702117, AV702932, AV701707, BF032910, AV707753, BF822127, AV705341, AV706987, BE874133, AV652027, AV704269, AV652443, AV693527, AV650024, AV707024, AV702804, BG113224, AV705693, AV701620, AV707296, AV704934, AV709390, AC004955, AF119875, AF218031, AL137547, AF126247, AL353956, L04849, AK026504, AK000432, AL080140, S68736, Y10655, AK026885, X84990, U35846, AF183393, AF159615, AF314091, AK025435,
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HCEGR84	569	858644	1 - 753	15 - 767	<p>AW204578, BF966371, AW300069, A1379847, A1097001, A1151002, AA912671, AW771594, AW028224, AA782451, A1185208, BF063419, A1038115, A1197987, AA854229, R50482, N22840, AA845504, A1023017, R96092, AA463741, H09091, A1051475, A1269281, T03489, AL162092, AA844252, AW027484, BF592798, A1025730, D51423, AV654329, AW978634, AW975605, AW959799, AW949657, D59859, AW949641, AW949633, AW978661, D51799, AV720151, D80253, AW966534,</p>

AV720878, AV699447, AW58993, AW975613, C14389, AW966369, AW973490, AW962395, AV701839, AW956434, D80366, AW964488, AW960473, AW966059, AV719557, AW975618, AW959582, AW966053, AW964532, D80166, AW973474, AV699866, AW973334, AW973445, AV719324, AV718440, AV720028, D59619, AV718931, AV720731, D80210, AW960553, D80240, AV719822, AV718489, AV718692, AW973307, AW973447, AW949645, AV718938, AV718633, AW966378, AA305409, AV718707, AW973488, AW966386, AV720211, AW966368, AV720616, AW966331, D80164, AW966398, AW966397, AV722801, AV723927, AW959136, AW949656, D81030, AW949642, D59889, AW966029, BE047783, AW959202, AW966075, D51022, AW966065, AW966388, D57483, AW960465, AW966022, AW966399, AW966531, AW966041, D58283, D80212, AW973473, AW966333, D80188, AW966013, D59275, D80248, D80022, C14331, D80219, D80024, AW966330, D80195, AW966343, AW975621, AW978648, AW966385, D59467, AW965163, D80391, AW973541, AW966030, AV720791, AW966054, AV723097, AV720203, AW964756, AW966050, AV719188, D80043, D59787, AW966062, AV719783, D59502, AW959597, AW959628, AW965177, AW959570, AV719468, AV718800, AW965185, AW965197, AW965196, AW973485, AW965184, AW949632, AW965175, AW966400, AV718844, AV720464, AV718770, AW966332, AW973482, AW966380, D59610, AW958992, D80038, AV724520, AW959062, AW964477, AV699550, AW962082, AW964468, AW949654, AV699927, C14014, D80439, D51060, D81026, D80269, D50979, D80268, D80196, D80133, AV720533, D80522, D50995, AW959469, AW960454, AW966032, AW973330, AW956397, AW949629, AW949653, AW949631, AW949643, AA514186, AW949618, AW949655, D59927, D80251, C15076, AV700229, AA305578, AW949646, AW966043, D80193, AV718530, AW964737, AW962245, D80045, AW965158, AV700889, AW966389, D80247, AV720150, AW960532, AV721386, D80241, AW949658, AA514188, AW952839, AW966329, AW966377, AW360811, AV692290, D80378, AV718487, AW752082, AF181862, AJ276101, AF202640, AX015108, AX015106, AC004131, A62298, AR018138, AX033851, AR008278, A84916, A62300, AR087649, AX027925, AB028859, AJ132110, AR070327, AF058696, AX047063, AX047064, A82595, AR060385, AR008443, AX021518, AB002449, X67155, Y17188, A94995, D26022, Y12724, AX035434, A25909, AX028130, AX020191, A67220, D89785, A78862, D34614, AJ302649, AX020190, I50126, I50132, I50128, I50133, AR066488, AR016514, AX047062, D88547, AR060138, A45456, A26615, AR052274, AR077702, AR074139, Y09669, A43192, A43190, AR038669, X82626, AR066487, AR074136, AR092424, A30438, AR054175, I14842, D50010, AR025207, Y17187, AR008277, AR008281, A63261, AR066490, AR008408, AR091537, I18367, X64588, AR062872, A70867, AR093385, AR016691, AR016690, U46128, AF260572, D13509, A64136,				
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HMIBL51	570	858727	1 - 1336	15 - 1350	<p>A68321, AR060133, I79511, AR074545, AB012117, X68127, AX015396, U79457, AF123263, AJ287395, AR032065, and AR008382.</p> <p>A1097463, AW960794, BG059801, AI752173, AI752172, H19400, H26745, AW268864, AI122830, H51125, AI906421, H18956, AI906384, H26746, R34416, AI825621, Z18872, RI2212, R48953, C04825, AW900894, H43180, AI168299, R39933, H43173, AW373873, AI624279, BE047737, BG249582, BG118829, BE048071, AI269862, BF527014, AI364788, AL040243, AW023590, AW087445, BG180034, BG164371, BF339322, BF812933, BF341801, BG120816, BF924882, BF970449, BE047852, BF338723, BE876033, AW827276, BF038131, BE868721, BE874133, AI537677, BF970768, AL045500, BF038469, AW150578, AI923509, BG031815, AA427700, BF344031, BG180608, BG179993, AI567940, BF726504, AW148716, BF032768, AW827289, BE047952, AW302988, AI439762, BE781369, BE963035, AL045266, AL043326, AL036361, AV682224, AW301505, AI564247, BG036846, BG110517, AW827150, BF792469, BG032208, AI275175, BG252040, BE622183, BE887488, BE904178, AI909642, BE877769, AW673679, AI433976, BG034373, BF795712, BE876539, BG257535, BF812960, AL079963, AI620284, AI538716, BE910373, AI538085, AW151138, AI569583, AI433157, BE018334, BG252929, AI815232, BF794994, AI539771, AI560099, AL134830, BG259944, AI445237, AI802542, AL121463, AL041150, AI500659, BG026428, BF814335, BF342371, AL039276, AI500523, BF812438, BG113299, AI500706, AW167410, AI491776, AW082113, AI815855, AW663332, AI648663, BF793308, BG251840, BE962978, AL043981, BF032868, BF339594, AI440239, AI687127, AV710882, AI590120, AL110402, BF883916, AW129659, AI539808, BF726297, BG112879, AL121270, AI801325, AV732936, AI580984, AI284517, AW071417, BF816042, AI499463, AI500662, AI648509, AI433037, BE047738, BF727092, AI633493, BF971016, BF726234, BF341210, AI439478, AI269205, AW059837, BE620444, AI475394, BF726322, BF793324, AI345551, BE886728, AV755484, AI064830, BE895585, AL049085, BG163618, AL042551, AI281779, BE875407, BE172767, BF751308, AW262565, AW132056, BG058398, BF344652, AW806761, BF812961, BE894455, AW163464, AI682841, AL513763, BF882334, AI702406, BF727091, BF885081, BG026194, AL119791, AI554427, BF726001, AI500039, AV682333, AW117882, BG035511, BG168185, AV758053, BE048135, AI921248, AI554245, BE048179, BE884130, AI801544, AI349598, AL514205, AI284509, AI273142, BE880016, BF526020, BE048081, BG113662, BF968205, AW104724, AW301409, BE785868, AI624206, BE964633, AI811344, AL119863, AW168650, BF822127, BG180605, AI637584, AW238730, BF982059, BE048105, BF792961, AI559296, BE048319, BF089711, AI680388, AI274508, AW170635, AW149869, AI890833, AI926790, AW026882, BE880182, AB032956, AF130082, X82434, AL137459,</p>
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HFJP30	571	858754	1 - 2537	15 - 2551	D79552.
HCHMP94	572	858877	1 - 1199	15 - 1213	<p> BF939994, BE620901, BG170181, BE620502, BE905496, BE005985, BE005990, AI674742, AU150515, AA195064, BE222944, AW071814, AU148556, BG251413, </p>

					BE965160, AW081850, AA708102, AI433777, AI625507, AI333540, AI022464, AU150042, AI423210, AU147333, AA708100, AU160595, AW024603, AA195011, AI365587, AI268519, AI540265, AI285640, BF828595, AA252209, AA581561, BF378880, AA913601, AA603763, AW265644, R18707, AA009729, AW275442, AA009444, AA252208, AA886783, BG122968, AA724048, AW391826, R48503, AI079718, AA775594, BF826152, AW749337, R48504, BE743285, BF899981, BF827654, AA427500, BE868423, AW881973, AA405752, AA430679, AI424413, AW603446, AW603444, BF829675, and AK001237.
HOHBO69	573	858909	1 - 364	15 - 378	AW630180, BF132395, BE619018, AI752163, AI752218, N24399, AA853686, and AF170702.
HBHJY72	574	858921	1 - 915	15 - 929	BF222613, BF941410, AW275961, AI686347, AU151359, AU151569, AU150662, AV720613, AW377892, BG122948, AW272610, AU151393, BF223195, BG057268, AI942440, AW874425, AI949454, AI655342, AA156549, AI655418, AI651318, AI859622, AI859617, AA954124, AI916986, AA424182, AI652842, AA496259, AA424148, W88540, AI580494, AA074960, W89109, AA280900, AA618034, AI206332, AA974228, AI338824, AA074858, AI357321, AI076443, BE933553, BE091175, AI241952, AI989578, M78676, BF941418, AI766753, AA565427, T89641, AU128364, AW499904, AW499911, Z41191, BE708873, AW080116, AI350462, AL040388, R41201, AV647200, C05973, BE544316, AW978609, BE263591, AI816939, AA098874, AI653947, AA029119, AU119473, AA463387, AA522876, AA379162, AA098873, AK022906, AB037850, AL117434, and AK000668.
HWEAD78	575	858922	1 - 2346	15 - 2360	AU119473, BE072346, AU128364, AW499904, AW499911, BE161468, BE263591, BE544316, BF241478, AU129185, AV729276, H27254, AV725346, BE743904, AA379162, AL040387, AW992595, BE933004, BE939983, AB037850, and AK022906.
HFIBK06	576	858956	1 - 1199	15 - 1213	AL537184, AL523750, AL520348, AU122788, BE797283, BE887064, BE783716, AU131787, BE887275, BG249844, BF219702, BE889304, AW247014, AU135592, BF347062, BE280543, BG113772, BE314953, BF809145, AA308737, BE740470, AI907235, BE279259, AW839828, AA205849, W40565, BF846036, BE384335, T08947, BF846252, R59040, BE251083, BE245174, AA375700, AI803239, AU131982, AW390655, BG167322, AA361672, AA043617, BF986975, AW960746, T31957, N34599, AW971311, AA513608, AA524801, D52264, AI525368, BE933109, R30696, BE933105, AW866905, AB030656, AK023205, AL162070, and AF143957.
HE9RF77	577	858957	1 - 2234	15 - 2248	BG116787, BG030182, BG119659, AW956344, BG163645, BG235674, AI761804, BG033898, AW369665, AW389533, BE868389, BE151239, BE150853, AW995271, N33854, BG106803, BE150885, AI765925, T83665, BE090367, BE827584, R60133, AI306129, AA227714, AW962603, N35083, AA234587, BF999990, AA359612, BF804739, BE700926, BE700921, BE700888, BE700859, BE700889, BE830922,

					BE18971, BE18942, BE18975, BE18968, BE700858, BE18941, AA911920, BE18903, BE700894, BE18979, BE830924, BE18967, BE18893, BE700925, AV693943, BE18931, BE18963, BE18939, BE18969, AA633160, BE18909, BF996091, BE700853, BE18902, BE18938, AA377226, T83829, AA885440, BE18906, BF852350, AI302415, BF740780, BE830926, BE18908, BE843435, AW947402, BE772085, BE830925, AA368630, BF107196, AW075276, AA609954, BF805364, AA911919, AI365203, BE18961, AI936955, AW582374, BE18894, AA249165, H94353, BF830441, BE856761, AA219236, AI692783, BE061072, AA843533, AA262873, AA707195, BF852050, AA018864, AW510573, AI479234, AI207527, AI769103, AI346969, AW207075, BE717229, AI560964, BF055564, BG255029, AI332623, BF432250, AW904012, AA406642, AW071704, and AC007842.
HCEU61	578	859028	1 - 1017	15 - 1031	BF341491, AI767651, AI589623, AA400566, BF115657, AI818507, AI631748, AW966544, AI241021, W49494, AI360216, N36825, AI088457, AI687348, AI184624, AI080611, AI332650, AA400439, N51437, N46045, AI589863, F33824, AW612127, R84966, AI201265, BG256778, H26760, AA371890, AW294498, F01574, F01436, AI282573, C01894, BG032810, AW998037, AI383111, AA441812, AV709550, AA576476, AI292343, AI016405, AI393723, and AB002373.
HOHBV41	579	859036	1 - 779	15 - 793	BG023818, AW264567, AI955702, AW029356, AW190464, AI434815, BE223051, AI379631, AI312093, AA92746, AI418415, AW263423, AI417035, AI340286, AW517525, R78732, AA844303, AA621350, AW294515, AA055976, BF724716, AI690653, H53571, AI381263, AI823331, H68231, AA894634, H81302, AA486868, BF112143, BF350992, AF133270, AB017168, AF055585, AF074960, and AF144628.
HHFKC41	580	859165	1 - 1892	15 - 1906	AL522225, BG251695, BE615453, BE621274, BE778253, AA001374, AW958621, BF035632, BF334269, AW069590, BG165550, AV748885, AI087401, H04619, AA196770, AA584259, AI669634, AI147246, AW002729, AW089973, AA939329, AA019571, AA019711, H38587, AV723034, BE159453, BE621739, AA460365, AI470612, AA588221, AA311610, AA588216, AA019527, AA404411, H37760, AA460800, BF836835, AA196954, AA018852, H38831, AA019136, AA019135, H04596, AA404455, AW582732, AW293162, AC007282, and AC007279.
HMWGG4 4	581	859189	1 - 1364	15 - 1378	BE747051, BE267452, BE735420, BF182723, AI052724, AW161870, BF575655, BF115433, BE256444, BF000503, AI913268, AW149537, AW300318, BF111120, BF592884, BE788800, BF970070, BE389782, BE388555, BF106224, AW301181, BF062431, BG248851, AA916783, BE389632, BF575694, AI697738, BE258720, BF438232, BF939467, BE253566, BE464972, AW058513, BF673668, AI768818, AI332904, AI492208, BF677792, BF678560, W63721, AI697607, AI147929, AI338973, AI082464, AI185715, AW014596, BF196789, AI800232, AI290995, AI343779, W26018, AI813458, BF676098, BF671648, AA988008, AI818434, AI027432, AI917221,

HOEMM2 3	582	859190	1 - 758	15 - 772	<p>AW243128, BF438293, AA575880, AA922690, AA521140, AW304893, AI982801, AI141390, BE206316, W26961, AA227813, AI086354, AI830757, BE077176, AW471044, BF590049, AA932059, AA506471, AA989427, AA610853, W23479, AI824932, BF002898, AW470757, AI824730, BF589490, AI263011, AA393925, N95074, AA393693, BE219136, H43137, AW026210, AA227942, AI433414, AI074309, AI817992, BE858582, W26098, BF753361, BF856521, AA864223, AI823830, AI056925, AI421181, AA604033, BE186022, AA639034, AI760215, W49833, H20680, AI361546, BE174017, BF694002, BE008176, AI253091, BE092397, AA503989, W31786, AA017512, W26871, W60793, H25775, AA587128, H84721, AI285472, AI271930, H82264, T32384, BE735940, BF679360, BE165340, AA782907, BE384783, H87143, AI819890, AA954838, AW391793, H27747, H20679, W04626, H84887, AI244824, AI523118, H50477, W56382, W60813, D20164, AA741392, AI095392, N99777, AA876941, BE827122, BG150513, T84331, R02745, H25824, W26769, H59054, H59055, H21975, W05588, AA670071, AA317611, H82368, AI365524, AI801858, N36076, F15817, AW161450, AA766329, T89259, AA430438, AI457316, AI282366, BF000395, AA370002, H75440, AI758089, T58250, AA508566, H22167, F16185, R02761, BF849086, AI796030, H87144, R00887, BF477801, N44080, AA320434, T58297, AW770609, BF819557, AA935713, R02746, AI241048, H88048, AW015467, AI952232, W96358, BF447057, W21499, AA501435, AW271499, AW750145, BF767657, N75564, AA012823, BE928665, H42370, R01550, H88259, BF811583, N70675, W31525, BE564417, N49125, AW779437, AA585293, BE773073, AA282503, W31466, BE773091, AA471171, N93481, N74540, AA465097, AW608599, AW304789, BF904573, AW028497, BF811573, AI270091, BF884368, AW373884, AA782960, R28800, BE186004, AA453111, BE708515, AA935478, BE174076, AA504194, AI393584, BF512645, AF151844, AF126782, AL117420, and AL163853.</p>
					AA295856.
HTXPN78	583	859200	1 - 1773	15 - 1787	<p>BE791706, BE888802, AW513963, BF104898, BG104821, AA985515, BF509221, AW182937, BG261303, AA348358, AW079155, AW300190, H69933, AA348359, AW402120, AV754429, BF974717, BF380380, BF377580, BF377576, H69934, AW899237, AA226506, BF203862, BF203940, AI905559, AC007707, AX013775, and AC002037.</p>
HFPGR87	584	859201	1 - 1111	15 - 1125	<p>BF951582, AW292146, BE219796, BE727496, AI986443, AI090829, AI628616, AW027274, AI268453, BG149995, AW299772, AA774673, AA236436, BE674268, AI240399, AW580591, BF035724, AI656303, W30801, AI209138, W67127, AA928985, AI342424, AA897588, AA011594, AI399911, N54506, H10777, BE219126, AI095670, W00624, AI681205, BE671383, R97990, BE670708, R96573, H64097, AW960926,</p>

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HE8PR67	585	859233	1 - 2029	15 - 2043	BF979993, BE739707, AV702925, BG106294, BF979709, BF692048, BE875658, BG031577, AW969065, AW956307, BF238848, BF692490, BE877500, BG106556, BF698610, AA207196, AV753989, BE738926, AW021187, BF664882, BE958062, AA504569, AA449737, AA829922, AI539784, AW512129, AW337939, AI138369, N77204, AI017279, AW383910, N55014, AA897441, AA403320, AA504491, AW754093, AW779014, AI580029, AI420315, BF350751, BF664695, N51514, BE567997, BF445259, AA307575, BE243004, BF350753, BE241746, BF381782, AI362376, AL042903, AL042904, T19234, Z30261, AW082350, BF691646, AV682713, D81181, AV694509, AA452416, AV683703, AV696706, AV687084, AW385610, AA322970, BE958022, BE153413, N53183, H00502, AA375872, BF240189, BE241573, AV697950, AA741120, H00455, AA813763, AA587893, AW836387, BE242796, BE247179, BE247629, AC005702, AC004686, and AF100745.
HDTDZ65	586	859250	1 - 2884	15 - 2898	AI983651, AI817037, BG249957, AI683067, AI659859, AI955784, BE880691, BG119746,

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HMCFL79					

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HNTCT36	591	859756	1 - 616	15 - 630		AW903227, BF110321, A1700529, A1914090, AA928868, AW903168, AU155259, BF695175, and AK023367.
HTPDM61	592	859769	1 - 473	15 - 487		AL522665, BF339746, AW249192, BE265921, BE393914, BE892643, BE266417, BE276850, BE513134, AA029165, BE298350, BE792880, BE298002, BF982749, W79853, BG178248, AA252556, AW900859, AA380921, BE781902, BE889319, AA337900, AL522664, AA029014, and BF808447.
HTFOH87	593	859792	1 - 1453	15 - 1467		AL536389, BE261837, A1870285, BF437544, BE855831, BE313954, A1740447, AA628521, A1807623, AW194323, AW974180, A1869959, AA682958, AW006075, BE221224, BE221133, AW592367, A1311383, A1266583, A1951168, AA531611, BF000785, BE466198, BF948898, AA573097, AA587614, A1924712, A1284261, BE552029, AW169523, BG056895, A1937762, AW973083, AA961235, BF509853, A1589865, A1343385, BG177232, A1199264, A1954243, A1657066, A1686031, AA588241, AA576988, AA935554, AW839717, AW606575, AW606572, AW606569, BE074402, AW867504, BE965204, AW606567, BF874349, BF930606, BE703814, BF926000, AW367074, AA662528, BF930728, AA737525, AW384424, BF802846, AL136802, AL035659, AB028954, and A1223207.
HWBDQ3 2	594	859796	1 - 912	15 - 926		BG252190, AU125263, R67199, H06664, BF823722, AW962825, Z44258, BF573302, AA356182, BE778619, BF909319, AW246341, BE152140, AW604791, AA323879, BE799060, A1341565, BF432008, BE206890, AA977148, BF762398, AF108459, AF108460, AF108461, and AK022652.
HCHMO53	595	859797	1 - 773	15 - 787		AV661850, BG169511, BF206995, BE787624, BE292793, AA149518, BE292947, BG167015, AW248322, BG248919, BG165453, BE788739, AW955265, W68799, BG165990, W80356, AW027341, W80631, AA807542, AW006772, AW006753,

HNHMC08 HDPFH27	596	859848	1 - 1589	15 - 1603	AA405876, AI568522, BF436364, AA142865, AW014568, AI831235, BF032073, W68728, AA135477, AI077951, AI038765, BE351031, AI371106, AA634984, AI279024, AA927093, AI131300, BF526325, AI346693, AI818983, AI040435, AI862834, AI672933, AA847380, AW090192, AA725414, W49698, AI308968, AI342232, AA405750, AA719097, AI222540, AA135567, AW960497, AI038328, AA291233, W78749, AI342828, N94738, W17032, AA308326, AI088656, BF939427, AI032894, AI022131, W49697, AA806295, AI077792, AA878384, AA704008, AA973620, AA708319, N89773, AI355923, AA306672, AI093528, AA056216, AI271747, R92271, AI215791, BF055447, AA040439, AA724958, AA894581, AI014948, AW005009, AI146870, AI041232, AI220135, AI184832, AI216830, AA056217, AI682824, AI161403, AW371794, AA906636, T34735, AA301648, AA464688, AA610246, AA304676, AW009773, AA303948, AA380765, AA772960, AW189904, AI018514, AA534787, AW998332, AA613084, AW248085, W78953, AA303607, AW079652, AA996272, AA364075, AA046631, AA303545, AA356933, R91942, D25597, H90498, AA229336, AA700414, AA704184, AA428953, AA303514, AA642176, AA809653, AA932960, AA872832, AI963537, AI636251, AA284154, AA781331, AA992512, BF751365, AA040438, AA228480, C20802, BE168202, and AW376045.
	597	859875	1 - 2136	15 - 2150	AL532424, BE796156, BE903161, BG119647, BG115219, AV699322, BF002481, AW194103, BF038249, BE906258, BF182905, BE501114, AW518690, BE537490, BE547105, BE512805, BG115212, AW575036, BF448095, AV689102, BE465647, AA570483, BG117796, BF739874, BE889876, AW958913, BE887067, BE872403, AW611943, BE384518, BE622262, AV683442, AW571485, BG108121, AW247071, AL134627, BG117816, BE967159, BE740380, BE903834, AV705406, AV685709, BG057337, BE390982, AA532739, AI950034, BF770215, BE255357, AI831065, AI791597, BE793003, AW025209, BF027150, BF983938, AI733101, BG115901, AW072315, AW088486, AW250423, AW027992, AI872396, AI822039, AI978692, BF350738, AA526905, AV698580, AA004890, AI521711, AI859462, AI589001, AW062708, AI149487, BF362487, BE960754, AA932997, AI709015, AW269349, AW269185, AI140101, AA725306, AW002658, AA481316, AI554225, AV651040, AW516405, AA600310, AI352315, AA651838, AA134415, AI635661, BE789385, AI431710, AW661983, AW235534, BF801604, AI284946, AI753373, BG116918, AA705577, H20713, AW269158, AI983743, AA134414, AI248592, AI942429, AI873092, BE407231, AA913640, AI933816, AI633977, HI5546, AI360370, C04532, AA004615, AW401864, AI262449, H38876, AW269279, AV689181, AV686947, AV691088, AV695596, AV698710, AV690337, AW134805, AV684746, AV684712, BE709891, AW732631, BF591225, AV737229, AI685722, BE719073, AW517538, AA384219,

HE9QX59	598	859884	1 - 1481	15 - 1495	H52328, AI701951, AA112729, C03711, AA337888, BF509713, H17067, AA299451, AA844628, AI628603, R23191, AI018039, AW606047, AI767301, C04547, H15605, T99856, AA086474, AA846145, AA907827, AW050938, AA913178, T99761, AW021529, AW835589, AW303950, BF352104, BE546597, BF733587, AW269300, AV697434, BE925417, AV684535, AV697433, BF229301, AI687274, BF950259, AI547123, BE171111, BE925400, AW189104, BE167919, BE167953, BE093130, AA496397, AA496496, BE465721, AW408394, AA907899, AA496348, AA496621, AI834231, BF944340, R23192, BF835225, BF328375, BF819405, BE387526, BE932835, AW401626, AW059616, AK000775, AF100928, AL049703, AF131759, AB041723, AF100927, AL049704, Z81364, and Z81370.
					AL514538, AL514537, BF973179, AI817229, AI719701, BE886848, AA861817, BE540864, AI857532, BF685664, AW953035, AU138568, BE541809, BF882981, AW170236, BE259078, BF116039, AA628530, BE731736, AL519005, BF058771, BE279433, BG236321, AI798088, AW276128, AA706544, AI690592, BE729327, AI936242, AW592540, BE300820, AU145726, BF725260, AL519004, BF058688, AW955634, AI288590, AU160340, AA609185, AA456446, AI288876, AA970744, AA476974, BE536381, AI269892, AU144344, AI280579, AA683364, AI269921, AW589468, AW183024, AI040325, AI369398, AI351847, AU143208, AA758680, AA037108, BF112266, AA974377, AA758854, AA846734, AI814293, AI827548, AI453628, AA463523, R08676, AA147166, AA161014, AI193078, AA160382, AI201408, W16606, AA477089, BF111557, N90320, AL042894, BF360688, AW194229, AI740486, AI457573, AA371940, AI223040, AA973339, N79569, AA341176, W19442, H54815, AI950731, T30595, AA454554, AA477508, R53741, BG005749, AA884950, AW393957, AA845365, AW370725, AI866999, T84668, AW370708, AA846211, AA714469, AW369715, H00344, AA216600, R27147, BF929692, AA429209, AI128440, AA329092, BE563792, AI351335, AA528113, BE958302, AI126212, H03105, BF377228, AA463488, AI167833, M85773, AI200155, R16578, AA295749, R16639, AI565210, AU143358, BE389527, BE281130, BF111975, AW263392, AI565222, AU136484, AU119365, AU117537, BF762325, R34221, AW962615, BF762284, AI886201, R34337, AA653519, H99435, AW006535, R08584, AA770337, AA382340, AA368753, AA729833, BF998521, BF985475, BF686840, H54868, BF945926, AI250874, AA343278, AI223232, AA904652, BF752789, AA904391, BE389444, BF925539, AA405515, AA161013, BF994235, BF994186, BF350866, AI873197, AA789193, BE729299, T54560, AV659190, AL137749, AF220530, AK021526, AK001325, AF207640, AF251265, AF220259, AF220255, AF220258, AF220253, AF220256, AF220254, and AF220257.
					AA670314, and AI526181.
HNFBU66	599	859891	1 - 1422	15 - 1436	AA670314, and AI526181.
HLQW16	600	859895	1 - 1201	15 - 1215	AW968490, AV648655, AV719386, AV720529, AV720417, AW378442, AV691210,

AW378450, AW341649, N63582, AI417183, AI376604, AI817536, AI554261, AW172741, BE221352, AW151796, AI311322, AV654698, AI419377, AA781933, C75553, AI564742, AW629665, AA487091, AI697365, AW615283, AA837196, AW801663, AA458946, AI265792, AW801507, AA748540, AV648814, AV648798, AA576089, AI880593, BE878191, AA448646, AI359101, AI043146, AA459589, BE465219, AW191981, AW889679, AA169302, AA459364, AW801492, BE328813, AW959894, AA312946, AA171664, AI347680, AA811486, AI079927, C05862, AA618495, AI360716, AA649087, BF435611, AV695558, AW135311, AI146600, Z21901, T19436, AA448742, AI540742, AA514684, AW088944, AI312953, AI355849, AI277008, AL514397, AV755459, AL514871, AL514093, AI635634, AL514085, AW088903, AA857847, AI269580, AI368579, AI932949, AI863321, BF970652, AL515191, AL513779, AL514691, AI637584, AL514793, AI434969, AI357599, AI241901, AW129230, AA488429, AL514627, AI925404, AL513999, AI537273, AW080290, AI872154, AL514473, BF033757, AI473451, AW055252, BE966577, AI620056, AL514823, AI282355, AL513817, AI247005, AL036187, AL513713, AL514155, AL514497, AL515413, AL513755, AW087901, AI950729, AL514511, AW105459, AI863382, AI446511, AA908294, BF814357, AL514357, AL513907, AW262491, AL514409, AI689463, AI701097, AI591420, BE966547, AA808175, AL514791, AW263569, AW118496, AI798351, AW090550, AL513693, AL515321, AI953765, BE966443, AL513553, AI539153, AW085786, W38553, AA916133, AI688854, AL513979, AL040011, AL514721, AW075484, AL515195, AL514015, AI702073, AI096771, AI927755, BF909758, AL513631, AL514457, AI590021, AL514455, AI538564, AI683173, AL513977, AI623941, AI362537, AW169462, AI636719, AI784214, AW161156, AI690946, AI635851, AI863466, AI491775, AI891102, AI514087, AI359787, AL513783, AW169132, AL514919, BF126355, AI537303, AA449768, AI590227, AL513913, AI866624, BG250746, AI565172, AL513597, AW243886, AW089439, AL514359, BF724683, BE890427, AI339115, AI628711, BF752997, AI371984, BG179099, AL514493, AI569975, AI539578, AI640873, R36363, AA814782, AW198090, BF766531, AI862139, BG108244, BG109857, AL514867, BE888257, AW167777, AI250627, AW827285, AL515235, AW236466, AL514415, AI583558, BE965111, AL514657, AL038529, BE544111, AL513723, AW189332, AW090086, AW128841, AW192652, AW073996, AI890838, AL514063, AL514407, BG109998, AI458237, BE966927, AI824648, AW075613, BE965014, AI680226, AW082033, AW131294, AL513991, AI687127, AL513865, AI630928, AW073677, AW102785, AI683475, AL133074, AK025792, AX035208, AI131776, E02221, AB052191, AI389935, AL080060, X80340, AF130066, AK026452, I32738, AK024588, AF017152, U87620, AF119875, AK025119, AK027204, AF114170, AB050510, AK026626, X86693, Y13350,

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HTLGS48	601	859918	1 - 1550	15 - 1564	<p>AL538031, BF526296, BE905499, BF975915, BG171024, BF975640, BG166390, BG105861, AW027692, BE906058, BE868887, A1066792, A1674075, W73135, A1126174, W73115, A1918136, AA806473, AA687840, AA651704, A1080064, A1131085, BG122007, AA652620, A1798216, AA938305, A1673640, W76098, W93683, R51338, AA814727, BF437388, W72893, AW874617, R01699, F08949, T19610, BG055686, BF435545, T30370, AW304419, F11288, R59377, R13096, BF941749, AW474081, AA670391, F11866, AW016848, AA809829, F09511, R19220, AA351891, BF804668, BE839292, AW958005, T19611, A1380671, BE839293, BE703233, R59435, BE693695, BE703274,</p>

						BE769891, BE703492, BG166271, AA358209, BF217305, R40528, AV701813, and AB28173.
HNDY54	602	859973	1 - 581	15 - 595		AL532144, BE410198, BE739589, BF688595, BF340680, BE895261, BG106482, BF688986, BF000082, BF204415, BE792338, AW370556, BE905733, BG164347, BE910617, AU134636, BG165967, AW026312, BE789287, BE273796, BE739343, AW956434, BF924505, AW298245, AW923304, BF924340, BF214675, BF725735, BE273078, AA452936, AI954739, AI660828, BF879439, BF209436, AA058760, BF919249, AA039704, BF218803, AI493723, AA641666, AA502611, AI540196, AI436565, AI817852, AW370493, AW058671, BG106316, AW304317, AI128059, AI831204, AW068407, AA446627, AI189995, AI831213, AA740469, AI041255, W65295, AI026922, AA443840, BE271871, AA831862, AI952042, AI669862, BE856167, BE961207, AI206467, AI244961, AI356276, AI376919, AI475488, AU155552, BF925739, BF446119, BF931287, AI015178, BF343980, AI301359, AI707965, AA721617, T17379, AA452800, AA312359, BF001302, AI146728, R21538, AA053685, BF592004, R86654, AA551944, BF926640, AA281320, R86831, AW440523, T90016, N89584, AI198746, T90113, N59584, AA053240, N41034, AI431987, AA340053, AI056728, AI658607, AI867342, BE938514, T82842, AI090164, AA984822, AW996480, AW067939, AA918334, AA706016, C02143, AA947728, AI612974, F10063, AA026963, BF869132, W65393, AI694016, AA054963, AI091083, T82937, AI932841, BF868875, BF223553, AA039703, AA837231, N89995, W16890, W22072, AW849327, AI110828, BG036614, AW152000, AK001812, AI242910, AI242909, AJ242911, AC007881, I76211, AF169202, AF218033, U75370, I08319, AB049852, X58257, X02750, AK026544, AL137561, AC005284, AB041801, J00983, AK025541, U96074, U51124, AF016628, AC009286, and AF241734.
HWLEL47	604	860167	1 - 607	15 - 621		AL139350, and AL121781.
HNGJG75	605	860381	1 - 1020	15 - 1034		AL525892, BG168263, BG024910, BG252569, BG116842, BE548363, BG111172, BF342806, BE873077, BF796412, AL047081, BE789986, BE895653, BF666232, BF038167, BE901533, BF694320, BE565807, BE958018, AA306766, AW247734, BF126617, BF028981, BF677714, BF697113, BF694321, BG250559, AW578577, BF694106, BG164398, BE745350, BE866413, AI207533, AW247663, BE395875, AW327322, AA312716, BG120984, BF242965, AA448791, BF825824, BE903785, BE614007, AA102314, AA085594, AW959471, AW195768, N77750, BE563987, BE266889, AA663722, BE176308, BF940756, AI302924, AL043489, W22308, BF930779, AW195779, BE091077, BF920976, BE176316, BG255456, N88476, AA083268, AA297926, AW579209, AW959155, BF245164, BE891471, N45249, W93292,
HKAJU40	606	860461	1 - 803	15 - 817		

					AA361895, AV661756, AW795436, AW162171, AW195783, D45268, AW131662, AV743272, BF345629, AW364862, C20604, BF345498, BF345625, AI824162, C15962, BF345497, AA297481, AA706803, BF572375, D61558, BE774649, BF345699, AW795455, BG256383, BF345691, W92073, BE169496, BE169778, AW513782, AW193502, AI828497, AA858097, BE169443, BE169499, BE175566, BE175575, AA574144, W79341, AW073964, R32988, BE175500, AW327526, AI860786, AI582783, AI906960, AI360138, AW795457, W56837, AF176008, AF085361, AB042815, AF176009, and M61937.
HYABL83	607	860565	1 - 1735	15 - 1749	BE713343, BE713372, BE883801, BE713345, BE713359, BE397530, BE713362, AI767336, AI767347, BE713351, BE713368, AA827135, AW965741, AA235135, BF948857, T56519, AW080491, AA429313, AI651687, AI970359, AA700540, BE269627, BE154189, BF511427, AW382882, BE154324, T07689, R71531, BE154254, AW382883, BE706806, AW382878, AI457154, T08799, AW382906, AI074248, T07847, AA367765, AA310553, AI962121, AA234828, R72990, AW842083, R17265, AI934128, R73600, AA890391, R71481, R36263, T56470, BE146311, AW382921, BE706097, R36264, BF923395, AW082392, C02924, BF923380, AW994547, AA113443, R84816, BF799684, AW994544, H16138, H26925, T20200, AW965751, AA004985, H72436, H53973, AW269219, and BE938571.
HKADF82	608	860617	1 - 798	15 - 812	AL526910, BE744744, BE731087, BG163270, BE897309, BE261655, BE541795, BE788891, AV753197, AI908497, BE140267, AI908495, AA884619, AW806502, BF374293, T10439, BF244108, BF700570, BF696636, BE388395, Z44955, H06611, AK026904, and AX011642.
HNGEK43	609	860646	1 - 659	15 - 673	BE747585, AW976171, BE898748, AV745344, BE741004, BE878725, AA427627, BG258661, BE560683, AW959187, AI937301, BE245403, AA868377, AW516875, AI828651, AW170518, AI217153, AI743424, AI363389, AI673073, AI366674, AW001889, AV745623, AA922149, AW084488, AI275905, AI744705, AI685377, BF196332, AI384044, AI339568, AA811193, AI739227, AA461505, AI923644, AI056371, H20137, AI797976, AI800824, AI472127, BF445946, AW130654, AI970737, BF059008, AI659951, AI632980, AA741261, AI142039, AA552337, H39189, AI739226, AW206054, AI445211, AA813881, H45408, AI392978, AA825932, AA968938, W02514, AI394459, N98700, AI269770, AI214924, AI364323, AA969916, AI378436, N66099, M62040, AA708841, N77979, AW089002, BF879827, AI248327, AW137018, AI201319, R68081, N74564, AA693839, AA460579, AI356177, H46909, AW615186, AW023399, T34433, AI247905, AA714852, AI934509, H70607, N58389, H66226, BF763404, R68118, AA906882, T80644, AI218643, BF739982, AA677948, N80438, AI264237, R53500, BF877861, AW389409, AI000835, AW207229, AI243765, AA835650, BG261241,

HE9P148	611	861223	1 - 2782	15 - 2796	BF904778, AW151974, and AK025886. BE561224, BE748770, BE799836, BE781793, BG260953, BF795165, BE736001, AU135779, BE908447, BF207190, BF306911, BE746281, BF303777, BF038783, BF313302, BE892326, BG257144, AU140031, BG250622, BF206248, BE394264, BE268099, BE748461, BG250629, BF530381, BE393019, BE784409, BE617189, BE744127, BE269386, BE868316, BE397085, BE271847, BG036325, BF182918, BG253106, BE262724, BF984080, BE513571, BF308427, W81694, BF791489, BE789288, BE269621, BE871321, BF527751, BF219942, BE397777, AW410125, BE746290, BE464784, BE392193, AA314814, W81695, BF341140, BE617993, AI628536, BF939068, BF589431, AA868185, AA868483, BF841520, AA699561, BE669864, BF838993, AA309433, AA909193, BF310227, AA868274, AW956468, BE208549, AI697632, AW771433, BF315662, AA496104, AI692693, BE939155, AI092158, AU117067, D57936, BF316480, AI688593, AW410126, AI188397, AW150851, AA626397, AA568888, AI813424, AA005092, AI640324, AI309959, AI023783, AI140398, AI095450, AW661738, AI624290, AI248235, AA722417, AA286868, AW057822, BE046374, AI356084, AI417370, W56479, AA826110, W01304, AI702987, AA039308, AA100004, BF327483, AA916678, T03518, AI985697, AA807081, AA976850, BE261528, BE271934, AI625349, AI367402, AI142964, AW250070, BF993017, AA349376, AA805474, AU156279, AI494346, AA581027, AI278313, AA351768, AL135370, AI188395, AA837455, AA293616, AI206231, AA909390, AI807229, AW801639, T80295, BF852346, AI367421, H28984, AI884886, AW801783, AI283305, AW190232, F02684, AA373612, AW296498, F06394, AW130126, AA976849, R98902, AA370738, T91458, AW732260, AA580961, AA359229, AW242094, BF378704, AA906487, BE826088, F02664, AA379588, F02665, BE514157, F06376, AI198456, AI090744, BE837123, H67769, AA642851, AA379444, AI220040, BE372334, BE909757, BE826091, T91367, AA223465, BF992994, BE837394, F06375, T92153, BE397383, AA303694, AW051873, AI214855, AW806479, AW806487, BE856618, AW806679, BE348880, AI909784, AI559980, RI7894, BE140291, BF743676, AW818297, BE044367, AA223644, BF743142, AA689538, AI024504, AA374168, AA214689, AW169983, BF056276, R43140, AA377775, BE677852, AW750972, T16600, D57303, H29089, AI686974, BE140391, AV736288, AV736267, AW751048, AI373533, BE833472, AA352907, AI802358, AW751040, F05152, AI392785, AW751043, BF309534, BE140106, AA730600, BE961938, BE140243, AI905177, AI472424, F00871, BE397091, R57538, AA773382, T93580, BF183790, BE140356, BE742557, AW751046, BE936628, AW893579, AA496103, C03919, BF220021, BF759532, AI940333, D14694, AF042731, and D10234. AI745624, AA466990, AW956151, AA412063, AA418818, BE645499, AA412263, N94496, AI360797, T15410, AI266500, H19051, BE855516, AW392398, AI085869,
HPRBC95	612	861227	1 - 1114	15 - 1128	

						AI269499, BF221746, F06527, R74356, BG121222, Z39475, R74355, R62954, H19341, AA989436, AI868725, R15818, AW205608, T32733, AA371207, BE160822, AV658297, W23946, AI273078, AW513602, AI920908, AA368274, BE160927, BE160917, BF104911, AI206019, AC008821, AC008924, and T66444.
HDPUM54	613	861242	1 - 481	15 - 495		BG009438, DZ5538, AC007597, and UI2919.
HHFLL92	614	861294	1 - 2638	15 - 2652		BG167313, BE900315, AL039400, BE884344, BG249782, AV753572, BF308572, AI871719, BF058945, BF339648, N36098, BF061439, BE439990, AA662205, AI140127, AI457676, AI811001, N24770, AW298622, AI432423, AI885705, AI333169, AA563808, AI139522, AA129404, AA864279, AI192746, AW118992, AA939209, AA668916, AI564757, C75552, AA847888, AA662165, AI696929, AW606651, AI814553, AA204900, BE746388, AW961767, AI057234, AI814745, C75086, BG169516, AA490113, AW028941, AA897467, AA574248, AW407202, AA171602, AA602132, AI921109, BF336840, AI432792, AA121160, AW815421, AW511846, AI049727, AA122378, AI567567, C75461, AI221449, N93237, W25094, R63270, AW293990, AL039399, AI240631, H83038, BE383532, AW961429, BE669771, AW294261, W57576, BF761772, N80146, AA131639, AA441953, H27740, BF921799, AA359095, AA378415, AW794926, AA382847, AI700223, BF743361, AA328820, AA923716, AI432486, AA342845, AI187829, AA339884, T10609, C00558, N44101, AI340252, AI335635, BE241876, AA204851, AW590717, AA789162, AU127908, AA347918, AA709295, BG014393, BE729337, AA862673, R34037, AA830387, AW962476, BF086375, AI828118, W03673, R63222, T10371, C17620, AI361169, AA171502, AA603411, AA347917, W72108, R33496, AI868913, AA131721, N58100, H95738, AV737030, AA382846, BE925376, T18550, N87322, R45910, H82819, AI027852, BF856921, BE766858, BE241628, BE218663, BF989825, AK026076, and AL137588.
HMCHK65	615	861307	1 - 622	15 - 636		AU138426, BE777959, N57268, BF086933, BF086946, BE093384, AA456756, AA172291, AI375670, and AK002100.
HAIK89	616	861328	1 - 2312	15 - 2326		BG252095, BF794285, AW965312, AW977747, AI126305, AA443175, BF195835, BE246211, AI338421, BE907520, BE244122, AI044740, AA679079, AI913238, AI333023, AA972520, AA838427, AW605328, AI307325, BF222431, AA463484, AI805628, AW630931, AA828370, AW078809, R43305, AI225223, AW006036, AA587907, AA922459, AA707365, BF923727, Z45320, Z45577, AA332396, AI205049, AI928687, R82447, R82448, Z41035, H81876, T96841, AA362022, F04432, BF878445, Z44629, AI740575, AA937210, C01328, T96842, BF763516, F03673, T19711, H81899, H81875, AW081213, H81900, AI658899, AI863622, BF939300, T19712, BF923780, BF804036, BF894323, BF763515, R47213, BF911270, AI623302, AI431307, AI431316, AW972093, AI431337, AI431235, AI791349, AW968355, AW968356, AI432644, AW968729, AI432643, AI432651, AI431330, AW971740, BE672745, AI432647,

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HTOHL88	617	861361	1 - 1463	15 - 1477	BF111995, BF111899, AW051348, AI807015, AA349378, AA349433, H05458, F02812, T50073, T39468, T39511, Z43427, T50009, AI372659, BE843943, BE843903, BG015163, BE938621, AA860404, BE843892, BE698483, BF092079, AI372657, BE301746, BG015653, AA496848, R89202, AF169301, AX040922, AX040934, AX040924, AX040928, AX040936, AX040940, AX040930, AX040942, AX040926, AX040938, AX040932, and AX040944.
HMEKU54	618	861611	1 - 702	15 - 716	BE743073, AV721074, BE744621, BG177628, BE315199, BE731132, AA044813, BF964898, AV724264, AW958685, AA293644, BE394890, AI141037, AW964442, AW054852, BE903034, AI693593, BF975326, BF975857, BF975327, BF974460, BE409839, N48184, BF115585, BE672854, BE407753, BE042539, AW513188, AA551870, AI309256, AW008397, AI816062, AI885030, BF223532, AW007352, W39069, AI879497, AI660034, BG178962, AA642443, AI878998, AA283774, AI572009, AI199482, AI815979, BE173475, AA513683, BE173419, BE702293, AI202821, AI768808, AA025347, H01948, BE906559, AW769817, H71578, AI220856, H13523, AA291596, AA044838, AA290879, AI885158, AW007082, AA923113, H89912, AA935928, AA593956, BE072983, H84051, AA570459, AA318740, N53331, AI197973, AI908082, AI640612, AI245242, W32234, R34586, AA312590, AI611579, AA025355, AW512766, W32199, AI586956, BE703159, N89813, AA934930, N75572, AU144164, AA502925, N50180, T98429, AI810695, AI215873, AA987745, H04498, BE006750, BE006747, R34585, BF968659, BF431132, N56327, AW022203, AA252664, AW955053, AA322938, AA406368, AU117281, AW404162, D62795, AF041429, AK021489, and AI022069.
HOQBR51	619	861620	1 - 1094	15 - 1108	BE904302, BF568253, AA452165, AA426015, AW952776, AW805228, AI288193, AA084096, BG055477, AA682907, AW960624, AA398343, AA947931, AI197950, BF510821, BG056413, BE179883, AW089706, AA452397, AI420512, AA293851, AI694330, AI968970, H49529, AW372112, AI368631, AA428101, AA740545, AW089957, W90083, BF591892, AI347092, BE394895, H49767, AI016563, AW893221, BE075371, W90209, AA205212, BF591840, AA338815, BF437055, AA335913, AA338814, T19311, AA031975, AI272681, AA031974, AA205167, AW893301, AV703152, AW953924, AW960227, AV702681, AV708320, AW963866, AW958104,

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HAMGP34	620	861668	1 - 2624	15 - 2638	<p>BG261130, BG121213, BF347966, BF796462, R17115, BE899286, AI123525, AI697325, AW575256, AW402585, AA032055, BF724098, AW402594, AA031919, AW402872, AW026287, W89010, AI341715, AI926967, W95778, BE783654, BF887406, AI078627, AI376419, AW089489, BF381332, AA740604, BF507805, BF888120, AI015866, BF744292, AI963299, BF907549, AA954836, BF888127, AA233002, BF907541, AW768759, AI669291, BF888128, AA232951, AI768850, BF744299, AW090314, AI571824, AA480645, BF888074, N53675, AA886377, BF888119, N73038, BF799491,</p>

HHEL G22	621	861683	1 - 1379	15 - 1393	AA535561, AI217778, N51612, N53906, BF381336, BG251027, AW001670, AI864506, BF744934, W95735, BE819619, AI674508, BF381311, AA016130, AA743705, AA917873, AI241168, AA649797, BF887394, AA631017, AI480218, BF907590, AW302053, BE139664, H86222, Z39059, AA954334, AA456896, AI244571, AA015836, AA485019, AI806785, AA715038, AA827439, BF745018, AW271993, AA954612, AC083866, and AK000208.
					AL515768, AL515769, AL514640, AL514639, AL519556, AL519557, BF967595, BF341094, BF791789, BG109630, AV728675, AL519901, AL519900, BG122004, BE736572, BF307579, BE779163, AV746319, BG107882, AV714586, W44679, AV752184, BE894935, AW968505, AI890560, BG163396, BE891391, AA099273, BG031520, BE895633, BF735925, BF726338, AA878212, BE542157, AA732222, AV713978, BF921086, BE763324, AW575099, AW575100, BF965804, BF967512, AV752080, AI740578, BF732808, AW150933, AW276564, AA926775, AA044713, AW954811, AA454649, AA456262, BF203162, AA813289, BF210990, BF575453, BF808054, AA916010, BF940195, AI419983, BE541856, AA165256, AI928819, AI745053, AA187083, AA143151, W93810, AW469220, BF766017, AI738911, AW440214, N35185, AI078212, AI929089, BF224030, AI761914, BE165923, AI693625, AA932898, BE672485, AW271592, AI148178, AI394261, BE763355, AW006011, AI056934, AI095473, AA480903, AW172367, AA099321, AW166446, AA679256, AA151528, AA524497, AW401929, AV723979, AA609394, AI589306, AA936450, BG111109, AA150234, H29463, AI339779, BF928362, AW965434, AA860734, AA045037, AI125169, BF816513, N75627, AI962015, AI283124, R60626, W93921, AA232412, AW022061, AV731141, AV707127, AA424453, AA598407, AA181330, BF675970, AI123977, AA558445, AI278557, AW262834, W44680, AA706261, AA909819, BF095999, AA854946, BE940752, AA152292, AA493826, AI633473, AW614151, AA045036, AA885111, AA480965, AW873084, AW663737, AI220625, AW511995, AA142975, AA131268, AI420791, AI351559, AI539546, BE827423, AI039077, R69711, BF677981, BE676828, BF109079, R60573, AI091994, AV746110, AV753918, R60615, AW401927, AI809414, AV728150, AW001015, BE175156, AW511876, R50906, AA011658, AA939113, BE172078, AA282098, BE221361, D20566, H09532, AW001802, BF242055, N22387, H99061, AA446423, AW105368, AW021290, AA837337, AA918671, AI492760, R09389, R43281, BG152427, AA558589, AI766977, AA814917, AA805117, AA492542, AI369989, AA731128, AA151608, AA782945, R60559, AA854134, N51623, R55346, AA099856, W32425, R01681, AA494474, N88951, AW403780, AA927109, AA307931, AA843253, AW880292, AA902532, AW674571, H29464, BE180364, AI580882, AA932617, R69619, AA098894, BE073178, AA988282, Z25933, N53918, AA332589, T03883, BE825215, AW889212, AI192032, T93602,

HDPTD75	622	861707	1 - 1764	15 - 1778	<p>AA933936, T93646, AI371024, AI940158, AI613518, AW631074, AW804820, AW362250, AA917023, R81357, R25995, AI628325, BF032355, AI538615, AI589428, AI687568, AK000462, AK024302, X99971, AF059611, AK027160, A65340, AL133084, AL133559, AK026408, AF132730, AL355701, AF131773, A65341, AF113019, AF217973, AK000250, AK026155, A31001, AL050138, AL161802, L04859, AK000027, Y11587, AL110221, AL133619, AL080159, AK026684, AL359941, AB041801, AF061981, AL050366, AX011612, U92068, AF225419, A41579, AF119865, AF113222, AC008243, AR094160, X97332, AF204760, AF183393, U73682, AL080148, AL389982, AK026182, AL133653, M76612, AF067790, AF267739, X99270, AK000484, E01314, AL137574, AF022152, AL049761, U89906, AB028451, AF155148, and AK027161.</p> <p>BF526777, AU135741, BG167203, AU128904, AW006887, AA917667, AW959212, BG165640, AI823982, AI817412, AI096744, BF813121, N20594, AA486563, AI283813, AA486661, BF727039, AA040017, AA535449, N26872, N28990, AW015508, AV656080, N24306, F29139, AW504127, F37068, AA634817, AA595340, AW802992, AU156247, H65527, AA057074, F26541, AA760741, T96318, AA609581, AW016529, AA359399, AA580145, H65329, BF686563, AW148479, T93478, AI569865, AA948624, AI678948, AA056928, BE711537, BF989599, AA424016, AI954356, AA010653, AW629350, AI612865, AA973778, AW276616, AW275190, AI350811, AW439574, AA876151, AA911289, AI218492, AI077876, AW675663, W93593, AI244408, AW193200, AI302550, AA226255, AI241127, AI816714, AI206461, C02093, AA954030, AI277607, AA709434, AA813934, AW440434, N53061, AI354477, AI187313, AW074284, AA872499, AW410741, AI202853, BF335325, AI265804, AA906037, AI241581, AW074122, AA134769, BF692695, BF573377, AA873196, BE300852, AI004585, AI813620, AW504945, AA972976, BF900118, BE513950, AL526811, AA641954, AA037624, AL522907, AW949869, AV707151, AW950765, AW964393, AW960458, AW951280, AW963752, AW953763, AV702149, AW952868, AW952444, AW961593, AW956289, AV705115, AW952007, AV702164, AW952192, AV705891, AV705909, AW958620, AV701711, AV656271, AV702558, AV728700, AW963026, AW954372, AV709886, AV729719, AV706446, AW964435, AW958916, AV706292, AV704980, AV706539, AW949729, AV705869, AW952407, AW957105, AV702109, AW952050, AW956632, AW963713, AV705524, AV707654, AV689804, AV727170, AW956059, AV652792, AV645936, AV726156, AV702716, AV726194, AW952048, AV704833, AV725260, AW952329, AV727459, AW953689, AV725582, AW958105, AW952497, AV724996, AW958756, AW958763, AW955161, AW966314, AW952223, AW964985, AW957090, AW962003, AW950866, AV725645, AW963079, AV704626, AV703306, AW951743, AW963685, AW962508, AW949521, AW965552, AV704785, AW958118, AV726010, AV706906, AW955696, AV708069, AW958280, AV727314, AV658770,</p>
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HTLIC39	623	861985	1 - 1162	15 - 1176	<p>BE743928, BE901784, BF527770, BF972990, BE792390, AW081174, BF314507, AI831048, AW166247, AA773631, AA648918, AA923302, AA470901, AA535051, BE675162, AA428315, AW404462, BF589314, BF058262, BF955274, AI933035, W96411, W96412, AI950956, BF195422, BE929123, AW014426, AA429382, BE720431, AI341065, T97242, D20146, AA220236, T97243, BF058263, AA897633, BE734767, AW168514, AA910288, BE092731, AA872430, AI243751, AI272807, AI499683, BF871404, BE004082, BF871406, BE092761, Y13835, AF121951, AJ251644, and AJ251645.</p>
HNECI74	624	862042	1 - 969	15 - 983	<p>AL536470, BE003559, BG255346, BE906476, BE327116, AI160211, AI401803, AI093195, AA909044, BE739863, AW139425, AI359322, AA947175, BE139159, AI040225, AI590899, AI199332, AA640032, AI343963, AA938008, BE138596, AA046040, BG230657, H98981, AA489354, BE247164, BE612820, AA938468, T93895, BE745554, AA374641, AA584427, AW970771, BF807866, AI446654, R69484, BE049049, AI916674, AI921343, BF853218, AA075868, AV730097, AV730383, AV731010, AA099236, AV732734, AA582143, AW605255, BE138956, BF000315, BF905448, BF754225, T93945, AA953018, BE151495, AI348711, BF791792, BF339923, BE620487, AW235415, AI203124, AA780963, AA894708, AI972749, R44116, AV715310, BF858888, AW901478, BE743888, BF829667, BF725761, BE439761, BF928492, AI870197, AA532419, AA634837, BF873332, AW841930, AI753488, BF310123, BE968744, AV739833, AC008753, AK024449, AC020917, AC011490, AC005881, AC006211, AC004963, AL050335, AC078899, AC004647, AC008687, AL136137, AC007151, AC003973, AC005736, AL357519, AL121653, AC010198, AC004914, AL035704, AC004799, AL159168, AL022318, AC004089, AL078604, Z84486, U82668, AL033527, Z98884, AC011514, AC008033, AC007510, AC004847, AL021918, AC015651, AC002477, AP001695, AC018758, AC018644, AL023575, AL109654, AL136526, AC009756, AC005015, U95742, Z82244, AC006511, AP000348, AL022476, AL139396, Z82178, AC004656, AC007216, AC008569, AF131215,</p>

HCRNU23	625	862179	1 - 2324	15 - 2338	AC005288, AC073184, AC005940, AL355337, AC005060, AC004929, X77738, J03071, AL160175, AL442166, U89335, AL162293, AC018662, AL163284, AL136179, AC002487, AB023049, AC005566, AL020995, AC020955, AF314058, AC004953, AC004125, AC007344, AC011479, AC004051, AL049780, AP000030, AB001523, AC007536, AL031984, AP001711, AC008080, AC005620, AC020904, Z98946, AL031775, AC005000, AC005011, AP000338, AC011464, AL096791, AL138743, AJ003147, AC020552, AC004263, AL133517, AC005520, AC005082, AL080243, AP001688, AC004703, AL160412, AL137100, AC008543, AC005207, AP000688, AL450224, AL022163, AC005783, AC004965, AC005829, AL161731, AC012067, AP000216, AC002347, AC004971, AC006530, AC016995, AC009362, AC026122, Z99570, AC005071, AL034343, AC005488, AC005993, AP001610, AC008745, AL158141, AF195953, AC010412, Z93016, AL138733, AL133448, AC018755, AL031311, U91321, AL160231, AC002350, AC004033, AP001753, AL034549, AL021397, AF190465, AC006452, AC073898, AL137224, AL121891, AC022150, AC008760, AC004887, AC011450, AC011451, AL136087, AL137039, AC005740, AC003049, AC007461, AL009172, AC006538, AF111168, Z85987, and AC011497.
HCRNU23	625	862179	1 - 2324	15 - 2338	BG028883, AW968598, AL356895, AL658664, BF514897, AL478203, AW611783, BE217946, AI795923, AI668807, BF196102, AW967773, BF436879, AA768899, AA847849, AI139330, BE220879, AW452053, BE645036, BF509597, AA252471, AI640819, AI564100, BF515994, BE677776, AI076847, AI749748, AA465270, AW614077, AI253083, BE812744, AA456392, AI268480, AA741570, BE934742, AA805944, BE139537, AA455923, AA861028, AW576288, AI167589, AA742295, BE671268, AI652754, AA465157, AI022306, AW008697, AA026333, AI473203, AA026332, AI452883, AI560649, AA252907, AI400078, AA194138, BE262718, BE869050, AA743503, AA905237, AI468598, and AI423541.
HCRNU23	625	862179	1 - 2324	15 - 2338	AA719296, and AA758153.
HCRNU23	625	862179	1 - 2324	15 - 2338	AL526528, AL521295, AL520535, AL526867, AL532967, BF966843, AL525396, AV727476, AW956422, AW384798, AW192348, BE674240, AI803011, AI973084, AI675809, AV651502, AW118839, AI671022, BG104167, AI935787, AU146133, BE535837, AW938624, AI831233, BE645619, BE504265, AA046886, BE504248, BF196728, AW466913, AA936951, AA046979, AW589954, AV727676, AA029400, AW340759, AW236130, AW665544, AI264581, AI418623, AA150960, AW296225, W44759, AI093394, BF446143, AI302073, AW088730, AU146787, AI435580, N70304, H39508, AU150654, AI800707, AI191597, AI242558, AA031539, AW589926, AI650824, W73928, AA421100, AI459694, W79047, AA226372, AI564140, BF477497, AW235148, AA243847, AW265034, AI273243, D59998, AA226593, AA084054, W04250, H54170, BF115394, BE044190, AA421099, AW294446, AW995404, AA422134, AI433141,
HCRNU23	625	862179	1 - 2324	15 - 2338	AA719296, and AA758153.
HCRNU23	625	862179	1 - 2324	15 - 2338	AL526528, AL521295, AL520535, AL526867, AL532967, BF966843, AL525396, AV727476, AW956422, AW384798, AW192348, BE674240, AI803011, AI973084, AI675809, AV651502, AW118839, AI671022, BG104167, AI935787, AU146133, BE535837, AW938624, AI831233, BE645619, BE504265, AA046886, BE504248, BF196728, AW466913, AA936951, AA046979, AW589954, AV727676, AA029400, AW340759, AW236130, AW665544, AI264581, AI418623, AA150960, AW296225, W44759, AI093394, BF446143, AI302073, AW088730, AU146787, AI435580, N70304, H39508, AU150654, AI800707, AI191597, AI242558, AA031539, AW589926, AI650824, W73928, AA421100, AI459694, W79047, AA226372, AI564140, BF477497, AW235148, AA243847, AW265034, AI273243, D59998, AA226593, AA084054, W04250, H54170, BF115394, BE044190, AA421099, AW294446, AW995404, AA422134, AI433141,
HCRNU23	625	862179	1 - 2324	15 - 2338	AA719296, and AA758153.
HCRNU23	625	862179	1 - 2324	15 - 2338	AL526528, AL521295, AL520535, AL526867, AL532967, BF966843, AL525396, AV727476, AW956422, AW384798, AW192348, BE674240, AI803011, AI973084, AI675809, AV651502, AW118839, AI671022, BG104167, AI935787, AU146133, BE535837, AW938624, AI831233, BE645619, BE504265, AA046886, BE504248, BF196728, AW466913, AA936951, AA046979, AW589954, AV727676, AA029400, AW340759, AW236130, AW665544, AI264581, AI418623, AA150960, AW296225, W44759, AI093394, BF446143, AI302073, AW088730, AU146787, AI435580, N70304, H39508, AU150654, AI800707, AI191597, AI242558, AA031539, AW589926, AI650824, W73928, AA421100, AI459694, W79047, AA226372, AI564140, BF477497, AW235148, AA243847, AW265034, AI273243, D59998, AA226593, AA084054, W04250, H54170, BF115394, BE044190, AA421099, AW294446, AW995404, AA422134, AI433141,
HCRNU23	625	862179	1 - 2324	15 - 2338	AA719296, and AA758153.
HCRNU23	625	862179	1 - 2324	15 - 2338	AL526528, AL521295, AL520535, AL526867, AL532967, BF966843, AL525396, AV727476, AW956422, AW384798, AW192348, BE674240, AI803011, AI973084, AI675809, AV651502, AW118839, AI671022, BG104167, AI935787, AU146133, BE535837, AW938624, AI831233, BE645619, BE504265, AA046886, BE504248, BF196728, AW466913, AA936951, AA046979, AW589954, AV727676, AA029400, AW340759, AW236130, AW665544, AI264581, AI418623, AA150960, AW296225, W44759, AI093394, BF446143, AI302073, AW088730, AU146787, AI435580, N70304, H39508, AU150654, AI800707, AI191597, AI242558, AA031539, AW589926, AI650824, W73928, AA421100, AI459694, W79047, AA226372, AI564140, BF477497, AW235148, AA243847, AW265034, AI273243, D59998, AA226593, AA084054, W04250, H54170, BF115394, BE044190, AA421099, AW294446, AW995404, AA422134, AI433141,
HCRNU23	625	862179	1 - 2324	15 - 2338	AA719296, and AA758153.
HCRNU23	625	862179	1 - 2324	15 - 2338	AL526528, AL521295, AL520535, AL526867, AL532967, BF966843, AL525396, AV727476, AW956422, AW384798, AW192348, BE674240, AI803011, AI973084, AI675809, AV651502, AW118839, AI671022, BG104167, AI935787, AU146133, BE535837, AW938624, AI831233, BE645619, BE504265, AA046886, BE504248, BF196728, AW466913, AA936951, AA046979, AW589954, AV727676, AA029400, AW340759, AW236130, AW665544, AI264581, AI418623, AA150960, AW296225, W44759, AI093394, BF446143, AI302073, AW088730, AU146787, AI435580, N70304, H39508, AU150654, AI800707, AI191597, AI242558, AA031539, AW589926, AI650824, W73928, AA421100, AI459694, W79047, AA226372, AI564140, BF477497, AW235148, AA243847, AW265034, AI273243, D59998, AA226593, AA084054, W04250, H54170, BF115394, BE044190, AA421099, AW294446, AW995404, AA422134, AI433141,
HCRNU23	625	862179	1 - 2324	15 - 2338	AA719296, and AA758153.
HCRNU23	625	862179	1 - 2324	15 - 2338	AL526528, AL521295, AL520535, AL526867, AL532967, BF966843, AL525396, AV727476, AW956422, AW384798, AW192348, BE674240, AI803011, AI973084, AI675809, AV651502, AW118839, AI671022, BG104167, AI935787, AU146133, BE535837, AW938624, AI831233, BE645619, BE504265, AA046886, BE504248, BF196728, AW466913, AA936951, AA046979, AW589954, AV727676, AA029400, AW340759, AW236130, AW665544, AI264581, AI418623, AA150960, AW296225, W44759, AI093394, BF446143, AI302073, AW088730, AU146787, AI435580, N70304, H39508, AU150654, AI800707, AI191597, AI242558, AA031539, AW589926, AI650824, W73928, AA421100, AI459694, W79047, AA226372, AI564140, BF477497, AW235148, AA243847, AW265034, AI273243, D59998, AA226593, AA084054, W04250, H54170, BF115394, BE044190, AA421099, AW294446, AW995404, AA422134, AI433141,
HCRNU23	625	862179	1 - 2324	15 - 2338	AA719296, and AA758153.
HCRNU23	625	862179	1 - 2324	15 - 2338	AL526528, AL521295, AL520535, AL526867, AL532967, BF966843, AL525396, AV727476, AW956422, AW384798, AW192348, BE674240, AI803011, AI973084, AI675809, AV651502, AW118839, AI671022, BG104167, AI935787, AU146133, BE535837, AW938624, AI831233, BE645619, BE504265, AA046886, BE504248, BF196728, AW466913, AA936951, AA046979, AW589954, AV727676, AA029400, AW340759, AW236130, AW665544, AI264581, AI418623, AA150960, AW296225, W44759, AI093394, BF446143, AI302073, AW088730, AU146787, AI435580, N70304, H39508, AU150654, AI800707, AI191597, AI242558, AA031539, AW589926, AI650824, W73928, AA421100, AI459694, W79047, AA226372, AI564140, BF477497, AW235148, AA243847, AW265034, AI273243, D59998, AA226593, AA084054, W04250, H54170, BF115394, BE044190, AA421099, AW294446, AW995404, AA422134, AI433141,
HCRNU23	625	862179	1 - 2324	15 - 2338	AA719296, and AA758153.
HCRNU23	625	862179	1 - 2324	15 - 2338	AL526528, AL521295, AL520535, AL526867, AL532967, BF966843, AL525396, AV727476, AW956422, AW384798, AW192348, BE674240, AI803011, AI973084, AI675809, AV651502, AW118839, AI671022, BG104167, AI935787, AU146133, BE535837, AW938624, AI831233, BE645619, BE504265, AA046886, BE504248, BF196728, AW466913, AA936951, AA046979, AW589954, AV727676, AA029400, AW340759, AW236130, AW665544, AI264581, AI418623, AA150960, AW296225, W44759, AI093394, BF446143, AI302073, AW088730, AU146787, AI435580, N70304, H39508, AU150654, AI800707, AI191597, AI242558, AA031539, AW589926, AI650824, W73928, AA421100, AI459694, W79047, AA226372, AI564140, BF477497, AW235148, AA243847, AW265034, AI273243, D59998, AA226593, AA084054, W04250, H54170, BF115394, BE044190, AA421099, AW294446, AW995404, AA422134, AI433141,
HCRNU23	625	862179	1 - 2324	15 - 2338	AA719296, and AA758153.
HCRNU23	625	862179	1 - 2324	15 - 2338	AL526528, AL521295, AL520535, AL526867, AL532967, BF966843, AL525396, AV727476, AW956422, AW384798, AW192348, BE674240, AI803011, AI973084, AI675809, AV651502, AW118839, AI671022, BG104167, AI935787, AU146133, BE535837, AW938624, AI831233, BE645619, BE504265, AA046886, BE504248, BF196728, AW466913, AA936951, AA046979, AW589954, AV727676, AA029400, AW340759, AW236130, AW665544, AI264581, AI418623, AA150960, AW296225, W44759, AI093394, BF446143, AI302073, AW088730, AU146787, AI435580, N70304, H39508, AU150654, AI800707, AI191597, AI242558, AA031539, AW589926, AI650824, W73928, AA421100, AI459694, W79047, AA226372, AI564140, BF477497, AW235148, AA243847, AW265034, AI273243, D59998, AA226593, AA084054, W04250, H54170, BF115394, BE044190, AA421099, AW294446, AW995404, AA422134, AI433141,
HCRNU23	625	862179	1 - 2324	15 - 2338	AA719296, and AA758153.
HCRNU23	625	862179	1 - 2324	15 - 2338	AL526528, AL521295, AL520535, AL526867, AL532967, BF966843, AL525396, AV727476, AW956422, AW384798, AW192348, BE674240, AI803011, AI973084, AI675809, AV651502, AW118839, AI671022, BG104167, AI935787, AU146133, BE535837, AW938624, AI831233, BE645619, BE504265, AA046886, BE504248, BF196728, AW466913, AA936951, AA046979, AW589954, AV727676, AA029400, AW340759, AW236130, AW665544, AI264581, AI418623, AA150960, AW296225, W44759, AI093394, BF446143, AI302073, AW088730, AU146787, AI435580, N70304, H39508, AU150654, AI800707, AI191597, AI242558, AA031539, AW589926, AI650824, W73928, AA421100, AI459694, W79047, AA226372, AI564140, BF477497, AW235148, AA243847, AW265034, AI273243, D59998, AA226593, AA084054, W04250, H54170, BF115394, BE044190, AA421099, AW294446, AW995404, AA422134, AI433141,
HCRNU23	625	862179	1 - 2324	15 - 2338	AA719296, and AA758153.
HCRNU23	625	862179	1 - 2324	15 - 2338	AL526528, AL521295, AL520535, AL526867,

					<p>AI276055, AI097360, AA496314, AA233111, AW663063, H06122, F32723, AI814125, AI971370, AI168830, H28027, H78541, AA652326, AI150958, AI797634, AW614139, AW305179, AA084053, R24127, AW601638, AW236726, BE908703, AI302409, AI298574, AI969750, AI907561, AW612139, AI077484, W38676, AW875716, BE044224, H77423, T50069, BF476540, BE561581, R24074, D60653, AA770396, AA302953, AW384825, AA226401, AA340545, AA151050, BE545123, R31691, AA122285, H79028, AA297279, AW614495, D60652, AA689289, AA629153, AA026139, H54014, T50005, AW589213, R15482, H05830, BF966894, AA031538, BF766055, AA938031, R31733, BE076193, AA311414, AW296783, AA033515, AW411263, BF695131, AA081773, AI696661, AA766234, C75208, AI826552, AA913310, AW383613, AW383609, AW383535, BF932613, AL526582, AK021925, AK000480, and AK022780.</p>
HWAFQ22	628	862394	1 - 1612	15 - 1626	<p>BE313732, BE514284, BE313394, BF312398, AI183639, AA411552, BF203718, BE870754, BE799743, BE312575, H29130, AW732755, AA868160, R19598, AA021220, AW408624, R59798, R14349, AL530288, R84324, BE561531, T48680, Z42920, BF207404, AW956949, AW977159, AW501357, F11367, R54256, AA730224, BF513891, AA159907, AI986302, BF764015, BF343885, and AB029023.</p>
HCECR08	629	862433	1 - 1069	15 - 1083	<p>AW193511, BG122671, BF968935, AW243892, BE501969, BF196881, AW513114, AI671129, BF674587, AI803180, AA703257, BF026064, AV705114, AU157517, AA481582, BF984049, AA902314, N35074, AI147921, AA677858, AI378540, AA969662, AI147803, R17947, BE788301, AI890658, AA074473, BF082480, AV726891, AA598983, AA861833, N40526, AI673650, N42977, BE700216, BE547281, AI948609, AA806101, AI620761, BE700267, D58438, N43814, AA921876, BE891608, H03027, AA948704, AI823850, AW471147, AI948617, T30997, N40566, AI572240, AW577786, BF149171, AW978253, AA559334, BF477795, BG109553, N46607, R32001, AA630587, BG165450, AI219944, AA327638, T30989, AI678315, AI702921, Z40405, AW962738, AV728223, BF846083, BE700006, AB021179, and AK023624.</p>
HDPCX59	630	862442	1 - 1803	15 - 1817	<p>AI520065, AI520064, BG249428, BE869699, AA522435, BE257308, AW809407, AW968474, BG253524, BE267183, AI583193, BE548020, AI580066, AA425038, AA602386, AW027266, AA535913, AI201750, AA495955, AI140976, AI400417, AI769557, AI076831, BG230609, BF029884, AI131500, AI810252, AA459496, AI674407, AI762755, AW003027, AW027517, AW305023, AI686492, BF001486, AW513839, AI147015, AW170527, AW512793, AA459267, BF476313, AI276539, AA653361, AI208079, AI292269, W40356, AA599024, AI027947, AW292543, AA733190, AI659802, AI346823, AI767262, AA932457, AA514642, AI367819, AI149913, AI038298, AI400960, W87475, AI350089, W87570, AA678680, BE737436, AA770540, AV703226, AI049656, AA019475, AI804757, AI620623, AW007575, AI346300, AA136872, AI524491, BF831374, R91747, N93865, AA040672, AI264070, AA040574, AI829046, AI446012,</p>

AA447953, AA040302, AW590732, AA682598, N63821, BF796049, BF727423, H42039, AA678959, N55213, BE904397, AI366834, AI798080, BE093371, T70289, BF328267, AA040378, AA600308, BF664472, BF817648, BE043311, BF831381, BF9400613, N94179, H78080, AI863973, AA218872, AA282766, AI763360, AA284920, AA873695, AI476005, AI440259, AI242375, R44736, AA253134, BF939402, R92174, BE855969, T80864, AI371441, BE736064, R11452, AI942253, H54410, Z24993, BE390360, AI083613, AA730984, AI185558, AI092139, AI381228, AW591851, AA281036, AW592289, H42080, R19200, AI423940, H89831, AA019122, AA039867, BF901970, H90682, H78081, AA917326, AI905682, AW247089, AA013169, H85966, AA127244, AA019325, AI241891, AA019123, N77272, AI568308, AA987371, BE539363, BE783035, AA342636, H54496, AI694855, AI699762, AI434194, R19935, AI539401, BE535300, R73243, AI638770, AI656046, H25903, AA911247, R29655, H86674, AA778262, AA136802, AA448885, AA883718, AI016488, AI133070, BF833872, BF817418, AI538564, AI514867, BE964767, AI514701, BF970652, BF725644, AI513743, BF921092, BF751355, AI514721, AW131999, AI514357, BF812961, AA641818, AI241923, AI514473, BE965707, AI863382, AI432030, AI564719, AI627988, AI515089, AW167021, AW152182, AI889376, AI120853, AI433157, AI702073, AI633125, AI537677, AI446606, AW238691, AI513631, AI366900, AI921248, AI513553, BE910373, AI045500, AI683173, AI698391, AI046595, AW084425, AI868931, AW004886, AI670009, BF814527, AI889189, AI612852, AI682971, AI513947, AI312542, AW083778, AI624293, AI513977, AV652443, AI917963, BF812938, AI521103, AI620003, AI247293, BE843239, AA502794, AI669609, BF814761, N33175, AI583065, AI521560, AI110282, AF118070, I89947, AR038854, I48978, AF285167, AI18788, AI080159, A65341, AF061981, AI080148, A77033, A77035, AF090901, AK000636, I33392, Z82022, A08916, A08910, AI8777, A08909, Y14314, AK026550, A08908, AI162003, AK000250, AK025517, AI050393, AI137480, A21103, AK026408, AI162083, A08913, AI122100, AI137479, AI389935, AI110218, AX026824, AX026823, A58524, A58523, E05822, AI353957, AF130105, AI050155, X81464, AI122110, AI110280, AI137478, AF087943, AI137271, AI137648, AI050149, AK025254, AI137488, AK027096, AK026744, AI050138, AK026600, AK026532, AB050410, AJ299431, AK025632, AI353956, U35846, AI137463, I48979, AK026533, I89931, AK000418, AK026045, AX040974, AF254119, AF287051, AK026462, AR087170, AI359941, AI117416, AB050431, AB047904, A08912, U78525, AF061573, AI137533, AF130104, AI050277, AK026784, AF130055, AB041801, AI137459, AF183393, AK027160, AI137529, AI137550, AB024524, I09499, AF177401, AI389982, AF000145, AF119337, AI133067, L19437, AJ000937, AI133640, AF143723, AK026959, AF111849, AF061795, AF090903, AF151685, A45787, AI133665, AJ003118, I68732,				
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HBCAY76	631	862450	1 - 1873	15 - 1887	AL527762, AL527763, BG033859, BF569227, BF527195, BF570204, BF337668, AW962021, A1076793, A1972891, BE019444, BF110354, A1862125, BE549951, A1565789, BE208014, W76105, A1361692, BG149697, BE328157, W72591, A1369826, H79605, AW770937, A1458113, BF344885, A1565656, BG056175, W03277, AA112478, N69449, AW370951, AW370945, AW370952, AW014942, AW370931, H71720, AW370953, R91331, AA773410, AW578714, T34992, AA417749, AW370939, AW014279, AW370937, AA324400, R91290, AA577459, A1675851, A1474427, A1420259, BF593346, H79606, H72285, T23807, AA322599, A1609562, R45437, BE165545, AA236335, H81150, A1696353, A1682500, H56230, A1695166, AA112477, AW370993, AA773411, A1693959, BE698067, A1146575, D19780, AA236241, AW629407, BE165454, A1678074, BE150486, AW084416, AW606005, BE165443, AA632941, and BE150489.
HPJAV04	632	862479	1 - 2380	15 - 2394	AL513848, AL520781, AL520780, AL530383, AL513847, BF529697, A1904904, AW958288, BE260582, BF797027, BE261497, BF306022, BE313588, BG250829, BE378911, BE382450, BE260404, BF310361, BF513467, AA007295, A1955724, A1498159, BE260601, AW849071, A1125267, BE296727, AA004279, BE313057, AW376519, AW578362, A1093868, A1819782, A1003796, AL119155, A1911484, BE645986, BF667093, A1361149, A1904872, AW848721, AA742694, A1129352,

						<p>AI347830, AW663398, AI955715, AW732760, AA029264, BG032699, AI056716, AI126005, AA310760, AA424646, AW376520, AI399788, AW867428, BF568362, BE207402, AW848185, AA781885, AW151195, AA418532, AA149405, AW867425, AA418417, AW192476, H51842, H63691, N40324, AI215074, AA504823, AI248828, AW848785, BF871193, W24012, AI082563, AW848988, AI143490, AA614846, BG170130, BF926880, BG152460, H63964, BF569139, AA029858, AA149291, AI914951, AI216882, R50712, AW752603, AA378303, AW752598, R50246, AA424592, AI041827, BF365408, AA928034, AA504107, AA641116, T99235, AI653926, AI868079, T99279, AI870049, AA301778, AA889413, AI192418, BE774973, AA614241, AW954384, AI962613, AA375492, AA576569, R30751, R00794, BF970689, AW945462, AU136940, H57539, BE168863, and AK001957.</p>
HHFMA59	633	862567	1 - 752	15 - 766		<p>BF526942, BF034330, BE906856, BG117306, BE871642, BF036429, BE568321, BE729985, BF035689, AW955111, BE271782, BE621432, BF977502, X84712, BF826293, H02682, BE958344, AW405966, R22543, AA477230, AA448786, AV703538, BG250080, BE156569, AW579884, BF695706, BF698225, AW392393, AA186733, BF916201, BF909586, BF695587, AV764128, BF742334, BF742389, H29948, AW794624, R70413, AA311766, AA587630, BF512422, AV763358, AA236039, BE878646, BF813006, AW798114, AA327923, BE785222, BF530141, AF126023, AF126024, M21954, AX018983, AR071323, M21955, AR071324, A38214, I56772, I95540, I58322, I58323, AX031159, AX001082, K02082, M16637, I02355, M20006, M16994, M73496, A48775, M16636, AR091557, and AR091558.</p>
HNFDV96	634	862665	1 - 2990	15 - 3004		<p>AU118050, AL515218, AU124650, AI804495, AL515217, BG254700, BF793291, AU139800, BF221530, BE614349, AU137694, BF793595, AI435930, BG171769, BG120678, AI635319, AI927302, BG036151, BE780429, BE613637, BE883539, BE391223, BE783242, AI802380, BE882107, BE408532, BE222029, BF035253, BF670327, BG026722, AW189345, BG176691, BF690809, BF701218, BE384185, AW138746, AA306135, AW571851, AV758758, AL036570, AW058381, AI859728, BF832574, BF832584, AW410233, AI755119, AW075704, AA418590, BF981254, BE780049, AI984163, AU151135, BF114722, AI961692, AA452161, BE779478, AU149020, AA418574, BE388275, BF103811, AA206679, AI004693, AU153522, AI351372, AW500112, AW261890, AW410234, AW136841, AI634166, AI631474, AA827216, AU128765, AA452392, AW408121, AW500362, BE966378, AU153938, BE349597, AI671386, BE389430, AI380332, AI739557, BE391353, BG248885, AL047192, AI378011, BF796410, AI094228, AA621081, AA993180, W39674, AI244135, AA447738, AA189112, AA707268, AA639867, AI568172, AA448963, BF812945, W27396, AW139700, AW341254, AU156536, AI610449, AA680213, AV692709, AA074826, BF379914, AA495911, AA926753, AW365696, AA455981, T34089, H41985,</p>

					AW902483, AI375902, T65313, AI290502, W27884, W44815, AI932816, AW902476, F09884, AA112140, AA903638, BF000181, AA495909, AW902481, AW902478, AW955309, BE644837, AW902479, AW953636, AI638081, AW770216, AW902461, AA343345, D55193, BF930789, R24937, AW902455, AW235766, AW006582, AW902734, H66548, BF094361, AW902736, AW902737, BF239823, AW902730, T32692, R52606, BF379905, AA295536, AW902720, AI522293, AW902469, AA453670, AW902729, AI581037, AA215671, AW504587, F06886, BF205456, AW902703, F06870, AA354203, F12257, BF379886, AA312352, AW902732, W23553, C17550, AA226892, AA449690, AI694910, AW467583, AA732285, BE618002, AW902470, BG252934, BF001525, AA215779, F06869, AA495910, AI872765, T66073, R52549, D78825, AA188898, AW063992, R45200, BF957940, C03668, H66132, AI829792, AV738729, N55752, AW902721, AU138715, AW015422, AW198067, AA355665, BE929397, AA235264, AI910343, T10458, AA227327, AA618016, N53511, AA809990, AL121142, BE720589, BE939651, AI093996, AA358989, T10787, AA090092, BF904404, BF376408, AI904692, AU148473, AW385823, BF326100, BF085286, AW770803, AV731531, BF741199, AI982808, N44960, AJ132637, AF090430, AF070656, AK001259, AL162272, AJ295622, AK022930, AC010518, AJ295621, AP000535, AP000536, AJ295618, AJ295620, and AJ295619.
HNTA35	635	862671	1 - 503	15 - 517	BE909279, BF806721, and AW887675.
HCE3X63	636	862807	1 - 2681	15 - 2695	AU116945, AW370778, AW748496, BE008566, AL120631, BE012097, BF915504, BF914539, BF915509, BF915619, BF915278, BE012058, BE012056, AI079742, AW900873, BF958427, R60049, BE012090, BE008559, BE012098, BE008567, BE012088, BE008557, BF958428, BF345710, BE008556, AW955385, BE008553, R60111, AA326354, W52864, BF915611, AA843289, AA037392, AW748453, AA584831, AI026996, F13341, T06233, BF349469, AW991423, BF886081, AI041415, T77092, AA477598, BF886817, BF953670, BE703584, BF946647, BF886490, AW991625, AA477470, AW582628, AI906119, AA349458, AI953575, AW957190, BE894127, AF234887, D87469, AB028499, AB011529, AF031573, and Z96419.
HCE2K01	637	862851	1 - 1565	15 - 1579	BF348587, BF317233, BF347922, BE262234, AI886854, AI364810, AI571772, BE260801, BF947408, AA620986, BF348199, AL118922, AW964855, W56893, AI948418, BF590647, AA682932, AI197966, BE832972, H38493, R88493, AW139827, AA984456, AI816315, AW160990, H38543, H30751, H49766, AA604007, BE383259, R88620, AA326352, AA324912, AA326240, BF959580, BF957744, H38473, AA323285, AI565716, AI027311, AI369823, H51158, R89653, AW964663, BF928045, BF445694, AW904314, BF957741, AW896684, AW896682, AW904318, AW875497, BF758599, AW896689, R85211, AW888897, BE702414, AI468058, R88628, R88824, H51120, BF206086, AW904306, AW896674, BF967275, H41534, AA622175, BF947811,

HJPCG05	638	862913	1 - 1320	15 - 1334	<p>AB023167, AF190461, and AF044201.</p> <p>BE740695, BE739906, BE899124, BE742745, BF685920, BF971897, BF684948, BE336652, BE747520, BE925550, AI733012, AI492192, BE207602, AW275042, AA954656, AW139807, AI791409, AW136444, AI361524, BE207644, AI762361, AI762373, AI246377, BF684146, AA306161, BF062047, BF222947, AW003832, BG028044, AA865078, AA402599, N32269, AI801286, AW151974, AI866469, AI859991, AW858522, AI440260, AW151132, AI500658, AI623941, AI567968, AI431238, AI927233, AW151136, AI539771, BE897632, AI432644, AW151131, AI537677, AI494201, BF812963, AI047611, AI804505, AI815239, AI500659, BE883591, AI866465, AI815232, AI801325, AI866691, AI500523, AI538850, AI514019, AI887775, AI582932, AI590043, AI923989, AI872423, AI284517, AI500706, AI491776, AI445237, AI289791, BF811804, AI926593, AW151138, AI889189, AI521560, BE084795, AI500662, AI285417, AI582912, AI539800, AW172723, AI284509, AI538885, AI440263, AI889168, AI866573, AI633493, AI434256, AI805769, AI434242, AI888661, AI500714, AI284513, AI804515, AI888118, AI285439, AI358271, AI436429, AI889147, AI355779, AI623736, AI581033, AI371228, AI491710, AI431307, AI440252, AI440238, AI567971, AI866786, AI860003, AI610557, AI431316, AI242736, AI539260, AI828574, AI887499, AI521596, AW151979, BF814449, AI539781, AI539707, AI702065, N25033, AI885949, AI285419, AI559957, AW089557, AI514469, AI521571, AI514951, AI469775, AI866581, AW074057, AI567953, AI815150, AI446495, AI867068, AI952433, AI225248, AI698352, AI282249, AI371229, BF527963, AI514839, AI469764, BG167830, AI513655, BE885490, BG252929, AI888317, BF871314, AW194509, BF724911, AI039287, BF527697, AI690813, AI866503, AI561170, AI554821, BG109553, AI042365, AI690946, BF814072, AW022636, AI890907, BF811802, AI925164, AI909697, AW051059, AI866458, BF815930, AI371251, AI648567, AA928539, BF811784, AA720970, AI433157, BF751299, BF812438, AI866510, AI811603, AI623302, AW058275, AI866461, AI954721, BF726183, AI923046, AI431962, AI538692, AI370623, AI047422, AI513937, AV709390, AI048403, BF968892, R41605, AI345688, AV693602, BE904652, AI656962, AI047398, AI698391, AI250646, AI514879, AI889191, BF982923, AW089844, BG029667, AW858243, BE544479, BE886728, AW163464, AI491904, AI224373, AW827289, BG113493, AI884459, BE769091, BG110517, AI371243, AI513949, AA641818, BG119547, AI890223, BG178532, AI049859, BG110384, BF811793, AI687944, AV740521, AI345415, AW129106, AI433590, BG257535, BG111916, AI802542, AI039390, BF795712, AI493559, BG111100, AI887785, BF796402, AA808175, AI036705, AI274759, AW372903, AF123757, AF123758, AF123759, AF123760, AF123761, AF125307, AF125308, AK027114, AF102578, AF113677, S63521, AI133084, AF112208, AK026927, AI137533, AF116631, AX040958, AX040974,</p>
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HOUFG48	639	863051	1 - 619	15 - 633	<p>AL527589, BF794114, AV703898, BF313749, BF976305, BE731608, BE736480, BE889614, A1086605, BE732710, BE741473, BE614673, AA654791, BE259354, BE615687, BE890833, BE539810, BE747138, BE899259, BE732930, BE313748, BE898888, AI937040, AW027344, AI808796, BE256852, AI992050, W76599, AI401654, AA583061, AL527588, AA843815, BE745311, BG109908, BE336680, N84979, T63208, BE176971, BE176808, BE176933, AA380008, AA931892, AV686812, AI950961, HI6414, BF677458, BF727273, BF726963, D30831, AI312676, AA889272, AI040841,</p>

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HCYBG68	640	863308	1 - 2509	15 - 2523	<p>AL530427, AU117344, AL538342, AW954347, AL119313, AW139420, AW956297, BF224071, AI912249, AI694564, AI290594, BF433146, AW963525, AI131059, AA861784, AA806177, AW965594, AI367043, W03385, AA807031, AA514623, BE613393, BE673459, AA825657, AI807033, AA836481, AA761884, N42640, AA451921, AA250792, AA410256, AI912705, AA429651, AA831314, BE218619, AI092799, AI298636, AI681278, AA774869, N67802, AI370891, AA894789, AA047263, BF836923, AA278845, AA761195, AA305260, AW368344, AW276983, AA372719, AA127225, H86483, T08808, H85974, AA251036, T73087, AA278829, AA488944, AW517624, AA418881, AA379994, R14378, BE702377, BE932283, AI204965, AU144200, AA987739, BF822710, AW857863, AA214396, AA773133, AA343388, AW206541, AI762472, AA418882, BE938832, AI140532, BE938834, BE767686, AW956545, AI002400, BE938835, BE938842, AW205025, BE938843, BE938827, C20769, H30812, AA249821, BE938833, BE938844, AI241455, AW517752, BE938837, AA406530, BE938838, AI569084, R93659, BE699387, H90092, AV709514, AI335529, BE699388, N32964, AL530428, AI279174, BE856646, AI291928, AI338925, AF112221, AK000911, and AB020678.</p>
HDTBD83	641	863372	1 - 591	15 - 605	BE736886, BE744656, BF875090, AA347493, BF772194, and AB002335.
HCDEG27	642	863396	1 - 430	15 - 444	AA505320, AW972479, AI419468, AI073641, BF674236, BG152620, AI471102, AW370201, and BE890552.
HBXDJ07	643	863541	1 - 1469	15 - 1483	AV718200, AV753454, H11405, R55569, N27906, H20863, N25140, AV725162, AF306459, and U27708.
HBKDA80	644	863586	1 - 663	15 - 677	<p>BF967527, AI201607, BF530969, BF346349, AA706731, BF529454, BF793156, AI380537, BF345971, AI878845, AI879304, AA020862, AA855013, AI422239, BF338932, BF439896, AI358939, BF529160, W74452, BF575097, BF923745, AI422201, AA017448, BF969554, AA019649, AI923364, BF923742, AA725298, AI880155, H40692, M62142, AA724499, AW451024, BF345888, BE645169, BF923741, AW163815, BF347262, T31153, AA973196, AA025741, H50177, R84717, BE937930, H30752, AI498532, R87477, H51601, AI422192, AA700037, H49926, BF920220, H26405, AI865955, AI016675, H14238, M78975, BF932212, AA917485, BF926854, AA917691,</p>

					AI419113, H85846, BF924860, BE715030, BF927277, BF935247, AA013239, BE714967, AA909921, AW183974, BF109146, BE825860, T64238, R49896, AI879282, R85145, Z42395, BF922544, BF927986, R88676, BE762881, BF337285, T09222, BE762858, AA975546, AW351521, T33821, Z20535, BE826801, BE185592, BE826989, BF967523, BF675155, D56053, BF347813, AK024521, AB033074, AF159092, and AB033921.
HSSDP38	645	863587	1 - 2157	15 - 2171	BF967580, BF967599, BF526188, AI201607, BF347782, BF347262, BF346349, BF344692, BF530969, BF967523, AW377114, AI380537, AW952364, BF526255, BF969554, BF340682, AW157774, AI655912, BF528672, BF337285, AI879403, AI146748, AW204763, BF345109, BF530197, BF338932, AA706731, AW192741, BF967527, BF439896, AI674046, BF920220, BE645169, BF793156, BF529160, AW305252, BF529454, BF341160, AI580912, AI093152, AI460044, AW518907, BF431045, AA020862, W74452, AI878845, AI742079, AA782477, AW304006, AW136664, AW182997, BF923745, AW025364, AA835372, AI879662, BF528195, AI358939, BF923742, AI801946, AI422201, AI422239, BF575097, AI813356, AI336011, AA855013, AW451024, AA994673, AI498532, AI879304, AA017448, N46229, AI879683, AA725298, H43994, AI923364, AW163815, AI628011, AI277994, AW779817, BF923741, M62142, AI274904, AA019649, N62584, AW291437, BF932212, AI825784, AW090126, AW664106, AI665522, AI867321, AA021022, BF345971, AI802620, AI564495, BG055946, T09222, AI880155, AA774613, AI251820, AA025827, W27282, R84717, AA196540, H61679, F18965, AA536168, N80357, AA971702, BE715030, R99829, F28976, N36677, F24866, AI872630, N58522, R84386, AW514001, T31078, T33821, AI027412, H40692, F28382, AI579966, AI287460, H48592, F31898, AW608550, F24298, W27947, BF925436, H46851, T08543, BG055765, F25936, F20433, AA971308, AA700037, AW236878, BE714967, BF345888, AA025741, R93674, T03744, BF447454, R84387, T31153, H86297, H50177, AV726306, AI193426, F24508, R52608, F20451, AA724499, H46765, F21806, BE172761, F19090, AW895728, T30953, AA772522, R87477, AI469512, M78856, BE698989, H51601, H26405, R85676, AW381187, H84842, AW779221, AW895991, F27265, AW901702, AI492433, R88151, F35865, AI207927, T09010, AW901701, R49676, AI025838, R95717, F25563, AA013333, F19151, AI422192, AW895865, H48869, F26087, R52551, F26962, AI207933, BF924860, R35374, F17747, AA973196, BE677661, BE937930, F27211, T78639, T35800, F19034, AI244373, H49926, Z24921, BF826839, F17022, Z28454, AW079644, R88676, F23472, F26519, R49897, C04550, R50243, F27566, T67453, T64238, F23469, R18563, F20879, AI680629, Z42395, F22691, AA602822, R95716, AI016675, BF927277, BF935247, H14238, H43995, T79124, AA602753, AA603005, BF930964, T30012, R50710, F35531, AI671225, AI613030, BG059642, H30752, BF594287, BF221861, T08807, T07601, AA677640, AB033074, AF159092, AK024521, AB033921, AX047063, AF217994, S68736, AF218031, Y08991,

						<p>Y11505, A91160, AR011880, AC068130, AP001624, T59473, T69486, R11417, R05821, R19167, R41430, R73505, R73506, H14237, H17971, R85091, R99828, H72275, H85846, H85914, N46228, N54065, N78113, W20020, W72768, N90531, AA017447, AA019648, AA533780, AA564891, F15609, F16828, AA917485, AA917691, N55649, N56356, N89302, AA092716, F21135, Z20535, AA909921, Z28942, Z28943, Z38602, Z41957, F01473, T59417, and F00553.</p>
HSSGL44	646	863654	1 - 2942	15 - 2956		<p>BF026630, BF525472, BF311757, BF026375, BE315200, BE384236, BG029678, BE728846, BF027355, BF207367, BF311466, BE391121, BE385559, BG249240, BE889845, BE746346, BE384507, BF314019, BE514952, BF316610, BE387027, BF026515, BE385753, AW958716, BG034358, AW387756, AW387777, BF311701, BG166348, AW058655, AV712812, BF434690, AW387790, AW387823, AW387881, BE205929, AW387875, AW387818, AW387759, AW387863, AW387885, AI885199, AW387879, AI696938, AW387882, BE206444, AW576420, AW387835, N27479, AA457045, AA004840, AI371842, AI753132, AI243820, BE391643, AI401039, AA042937, BE208742, AI620938, N21206, AI075795, BF951267, AA827532, AW952741, AA961462, H17738, AW818342, AI138762, AI124836, AI752279, AA401155, AA456889, AI702256, R72316, AA400981, BF508433, R59036, AA043037, AI038154, AA251449, R72279, AA429858, BE392526, AA081310, N99653, AA026365, H08163, AA679413, AW502829, N71703, AA338257, R58972, AA081311, BF764044, R34391, BG152425, AW050971, AA687186, AA730076, H08262, AA251361, AA297244, AA306235, AI000974, BG149463, AA298573, AA853018, BF834450, AA853019, AA338258, R91030, AA314525, AA353768, AW263925, H17627, R48929, BF311649, BF087022, AA373441, T86041, AI906978, AA004963, AI570299, AA446166, BE260858, AW452622, AA255575, AA093014, C01841, BF087011, AA340952, AI955058, BF346375, AA026457, H49886, BF437779, AA613298, BF836633, AI932871, AW265688, BG222875, AA804187, H67064, AA610255, AA115865, AA488687, AI281689, AA586433, AW302017, AI185394, AI565084, AW089625, BE328286, AW245354, AA654482, AI446259, R67701, AW265276, AW591304, AA558404, AW382918, BE149998, AW946882, AA654778, AW962611, AA525331, AW392414, AW023111, AV759971, AA515924, BF766147, AW188742, AA429481, AI054339, BG057207, AA533054, AW511778, AA857812, BF942349, AA356376, F00533, N30016, AV758067, AI653999, AW408756, BE739933, F31951, AA862029, AA666295, AI873627, BF934628, AI254779, BF447405, AA598605, AI564675, AI039309, AI359200, T07225, AI923052, BE002964, AW272815, AL137946, F35684, AI590442, AL022312, AI365515, AK000239, AK026539, U02047, M87889, I34294, AF205210, AJ224877, AJ012824, AC004790, Z70289, AC008126, AC006277, AL390014, U95739, AC008745, AL049829, AC005598, AF064861, AF003626, AC004253, AL499628,</p>

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HBODY10	647	863665	1 - 926	15 - 940	
HDFUB58	648	863687	1 - 2091	15 - 2105	AF010244, BG026299, AV752955, BE670307, BF436052, BF038892, BE464799, BE671255, BE042892, AI866576, AW770582, AV725085, BF326818, AI557322,

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HSMBE70	649	863709	1 - 898	15 - 912		AI090012, AL048304, BE538120, BF448592, BE464841, AA040831, A1982813, AA043447, AA502368, A1344358, BE697269, A1344536, BF851861, AA043448, AA040167, AW183007, AW674670, A1570653, A1864266, H27959, AA564261, H27958, W86977, AW050696, A1302319, AW197920, A1624520, BE162330, AA247896, A1472445, and BE536754.
HEPAA94	650	863718	1 - 964	15 - 978		BE177934, BE178118, BG168943, AW952560, BE467261, AW069580, A1890128, AW273443, BE502256, A1744746, A1379922, A1032260, A1522079, A1279840, AA281064, A1879924, A1217814, T66144, H11614, AW194179, R55295, A1085109, R55392, AA335275, N99235, AA257070, F09767, AA257163, AW972958, AW206093, AW293807, BF769935, A1669914, C02264, AA988919, AA357316, A1699614, BE936621, R47297, BF037710, AW881403, R08134, R08135, T97734, R24628, R41750, R46652, R41750, R46652, R68465, R81013, H00897, H13892, H21049, H26608, H26653, R93132, R95021, H89625, H94620, H97545, N21102, N25341, N25577, N27942, N31115, N31456, N33414, N40704, N41557, N42388, N57163, N70491, N71098, N79839, N80214, N98397, W04860, W05841, W07170, W33185, W37251, W37341, W37342, W38453, W38503, W40194, W42493, W42643, W46428, W46463, W52071, W67206, W67350, W69599, W99307, W99396, AA029338, AA029339, AA040361, AA040360, AA071515, AA082292, AA112326, AA113135, AA131702, AA131708, AA131613, AA131609, AA181802, AA186552, AA192745, AA192818, AA484255, AA488862, AA488939, AA507933, AA515025, AA522553, AA523060, AA564095, AA564096, H89479, AA627461, AA639412, AA576846, AA669117, AA760790, AA766125, AA826436, AA825268, AA865450, AA873853, AA876949, AA903215, AA917384, AA928523, AA928935, AA935187, AA935336, AA969528, AA972750, AA973237, AA995522, C01348, R29421, AA435599, AA443738, AA476787, AA716513, AA719184, AA723202, AA724010, AA724888, AA724928, AA782195, AA846351, AA772446, AA860990, AA860997, AA860073, AA890241, AA890374, AA973207, A1026162, A1038801, A1050951, A1057524, A1074987, A1086726, A1087199, T25768, T25871, A1245494,

HHFCU86	651	863734	1 - 725	15 - 739	AI302436, AI302531, AI306429, AI309295, AI350164, and AI360748. BG177485, BG177377, AW068821, BF340963, BE735271, BE734125, AW629902, BF795298, AA179850, BG024965, AA347950, BF885987, AL040673, BF887193, BF886931, and AF132937.
HBXGQ49	652	863848	1 - 2025	15 - 2039	AI939620, AI480056, AW300620, AW300615, AI589129, BF920454, BE386438, AI911546, BE386547, AW961851, AI361251, AV726263, AI498527, AW901919, AV725146, H41544, BE967591, AA326679, AI422476, AA348503, AA912288, and AI423129.
HCECL08	653	863887	1 - 1420	15 - 1434	AI800075, AI686505, AV726613, AW023374, AA418208, H97489, AA620395, AA418073, AW027850, N67776, AI168759, N36146, AA700811, AA401879, N28007, AW952793, AA012999, AW904436, H99095, AI015805, H82563, H60753, R87427, AA688368, BE702596, H59689, R85022, AI582759, N35665, AA205528, W03403, H83667, H83666, AA322820, AW072108, H60754, R07653, AA339201, R07706, N26551, H59688, N69337, N88280, H84836, BE744699, AA640177, AA221012, AA094140, AB025904, AL138795, and AL138795.
HUCOT09	654	863914	1 - 3282	15 - 3296	AI528723, AU123584, BE745581, BF312700, BE741050, BE795735, AU122587, BE743660, BE741283, BE856746, BE742232, BG254329, BE886473, BE792958, AV656238, BF309893, BE313618, BG119782, BF038125, BG105929, BE908612, BF966056, BF037974, BE740993, BE868776, BE314204, BE883039, BE867958, BE866382, BG179301, AL135110, BE268862, BF983158, BE311448, BF825757, BE514967, AI138612, AI084786, BE536600, BG181025, BE255081, BF828617, AA122281, AI857642, BF828799, BF826814, BF037337, BE300994, AI814439, BF308933, AA576976, BE255064, BE314324, AW953203, BF240560, AW007758, AA291860, N36325, BE887297, AA614328, AA758326, AA398266, AA705821, AI879205, AW029132, AU148132, BE810276, BE179970, AI131062, BE259170, AI222818, BE169650, AI935132, BE392210, AW070541, AI624257, AI694240, BG236028, AW194445, AW103797, AA196651, BF725300, BF690320, AW517068, AU146225, AI582213, AI435143, AI360344, AI394500, AI688349, AI582376, AI690569, BF795416, BF111964, N29984, AI860428, BE292928, AI160318, BE179846, AW194430, AW264570, H58349, AI950515, AA410748, AI952259, AI754189, AI813910, N32745, AI500411, AA434488, AW008344, AA643227, BE312315, AI879588, BF087137, AI869669, AI351136, AI497687, AA991796, BF438467, AI299383, W80788, AW027186, AW130354, AA350146, AA434392, AI948642, AA428653, AA565934, AW733015, N26961, AA878173, AA477509, AA477094, AA432338, BE746827, BE838132, AI057169, AI372449, H07102, BF911970, AA213414, AA731192, BF087761, BE675270, AA765797, AA804972, BF088377, AW780293, AI016933, T33461, AA399437, AW591234, D12098, F24523, H70959, AI868018, R44093, H73091, BE838094,

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HYBAF24	655	863934	1 - 649	15 - 663	<p>BE793846, BE513607, BE790851, BE795342, BF689981, BE730258, BE735825, BE903214, BE265249, BE267419, BE740614, BE742662, AW247577, BE727175, BF026122, BF732877, AW247732, AA148228, AI751446, AW008969, BE798194, AW069303, AI394269, AI797289, AA316485, AI750270, BF026858, AA996071, C05230, H41429, AA159378, BE793469, AI278793, BE958392, R62171, AW263105, AA248589, AA613553, AW009897, AA960959, BE799132, AI026967, N30347, AA158337, AA131464, BE267114, Z40848, Z36872, T36130, T34155, R81681, BF880011, N93270, AI541453, AI383153, AA837473, BE814767, D56451, T69473, D56220, BF879857, BE903639, BE263036, W33202, C03927, AI783931, BF879695, AI560479, BE393241, BG170115, BF125876, AK024765, AF197937, AF116692, and AL136116.</p>
HEMET46	656	863977	1 - 2569	15 - 2583	<p>AW953081, AW070211, AA464807, AW391174, AI333225, AA770661, AA081335, BE219696, AW665724, AA431894, AW582203, BF104732, AI338446, AA426155, AA486620, AA426230, W31695, AI400254, AA186695, AA347390, AA426573, AI051414, AW771545, AA425620, AI301726, W04527, AA918383, AA487066, N36136, AI374976, N66734, H88205, AA297537, H87975, AI631919, AA188323, BE167291, BE167284, BE677286, BF821835, N44141, H88157, AI206014, AV749192, AA297524, AA248250, H88204, AW681211, AW438654, AV748234, AA090513, AW772577, AA090419, AX035213, AF205940, AK026875, AB034695, and AL133118.</p>
HFXJM86	657	863982	1 - 1853	15 - 1867	<p>AL138080, AL138081, BG056111, AW117532, BF724275, AI885223, AW051808, AI332809, AI564820, N63569, AW207494, AI866785, AW148811, AI954565, AI199326, AI199105, N38888, AI243422, H09138, AW381536, AI986175, AI991904, F31192, Z18300, Z25110, Z28916, AW381528, Z41646, AI954371, N38887, AI033629,</p>

HDTHL37	658	864023	1 - 1810	15 - 1824	<p>AW381480, F25740, Z28784, N94825, F00372, AW380848, F16581, AW381481, AA197180, AW104762, BF887537, AB042554, AB032999, and AC006059.</p> <p>AL538001, AL516063, AL538254, AI909660, BF981796, BG120625, AV700619, BE392454, AI523238, N21497, N21485, BF939496, BE392044, AV19776, BG057702, AI817039, BF204137, AU155240, BE071563, AU160629, BF184627, BE907983, AA305918, BF816141, AA507408, AW937833, W93873, BE867586, AW151922, AW182553, AI633232, AW003628, AI684339, AU159253, AI560885, AI687139, AW082805, AA082822, AI817047, BE070285, BF114838, AW518577, AI688212, AI190333, BE071553, AA582245, AW054948, BE799775, AI589693, AV753173, AW804877, AI674037, AU159189, AA977342, AA702518, AI751234, AI422198, AA983227, AI214547, AI288967, BF357795, AI355053, BE670446, N26211, AI141813, AI497774, AV752825, AI493523, AW008389, AA436893, AA055994, AI309911, AA42652, W90296, AI827121, AI333029, AW248575, AU153812, AI277239, AI084179, AI318056, AI291951, AV743293, AI093971, BG031747, AW392743, AI469852, AA687101, W19435, BE294439, BE350317, R96731, AA430076, AI039407, AA861287, BE221585, AA813581, AI097602, AA709151, AI239436, AA100154, AI624059, AA559003, AA749286, AV742588, AA976571, AI688752, AW364723, AI146959, N68656, AI363475, AI393760, AI494450, N92780, AW087854, AA524574, AI241783, AA053089, AI922515, H02857, AA125784, H67701, BE086760, AI080552, AI083936, AA182728, AA832054, AI418179, D82393, AA865309, AI262535, H13252, AI351565, H03752, AV737697, AW079031, F20912, AI695464, BE719024, AW473709, AA211150, AA810420, BF241046, AA976994, AW577541, BG258102, H69233, AI493332, AI031856, AI085542, AA188920, N57926, AA804591, AW468051, BE795791, R56688, BE729605, R42366, AI290992, AW248055, H79674, H78016, AA883326, AA477753, AA927225, BE246085, H78017, AA621934, AI280314, AI277249, AI682946, AA055906, R68511, T34630, AA810015, AA010257, AI689190, AW517928, R68216, AA931301, AV657931, AA053600, W90637, C75361, W94144, AA746271, R63070, AA836198, AW392699, H91302, AA831111, AI825687, H79675, R96732, AA449217, T34205, BE174772, BF975809, T34046, AW992973, D82307, AI955944, AA404696, H91397, U46255, AA010426, AI659067, BE074494, AW751221, H69232, BF931397, AW273912, BF934990, AA328191, BF352198, AA125933, AL538255, AA676384, AI567602, AA291489, BE644796, AI696447, BF347548, AV658719, AI347465, AI672808, AA477859, AW875104, BE929017, AV658343, AW938344, BE089142, BG119159, AA336646, T11067, N91674, BE898924, D19818, BE085566, T05608, BF438373, AA443715, BE074860, AA182632, AA551195, AW383520, BE670867, AA926640, AI913752, AJ238374, AJ238375, AJ238379, AK023927, AK001316, AJ238376, AF161479, AL109840, AC010102, AJ238741, AJ238742, AF136276,</p>
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HBIFE32	659	864093	1 - 854	15 - 868	AF136278, AA883083, and T18566. BE791591, BG180876, AL040387, BF035302, AI288666, AU129230, AI658486, W02852, AU129185, AW136080, AU119473, BF241478, AI636247, AI609935, AI798914, AI023382, AB037850, AK022906, AK000668, and AL117434.
HSLDY71	660	864179	1 - 822	15 - 836	AL518393, AI522644, AW953904, BG180896, BE221763, AI693243, BE220100, BE885876, AI085705, AI554530, AI222170, AI417191, AI858625, AW363027, AW753943, AL525061, H64836, BF980553, H64835, AA372615, F12236, AA864323, BF239098, BF185076, AL518394, T66397, BF185001, AA705267, AI684882, AL045195, BE795832, AK025968, and AB041610.
HULFN21	661	864272	1 - 721	15 - 735	BG176952, BG119766, BE906508, BF315405, BF796929, AI360274, AI037855, AW962725, AW007497, AW082995, AV755472, BF594004, AW161413, AW156931, BG166964, N21474, AI554100, AI214257, AI478780, AI222821, AI653431, BG248818, AW084500, AI453168, AI806688, W63672, BG028373, AI434287, BE858543, AI127538, AA649068, AA773025, BE904459, BE858816, AA314274, AA724824, AI800951, BE407567, AA581734, AW162184, AI148356, AI685414, AI023940, H50099, AI831484, AA992634, AI279472, AI364371, AA027848, AA488943, AA488865, AA826437, W60232, H41639, W74733, AI337789, AA936903, N35097, AA469467, AA044621, AI141455, AI123011, AI828794, AA854512, AI150124, AA835872, AI718955, N20569, R77458, W69967, AA976010, AA922961, N91253, AA568890, AI221519, H39206, AA128350, AA879143, AA706573, AA027881, AA593835, AA815338, AA613060, AA286860, BF683095, F36916, AW005313, AA149210, AA149209, AI377018, N24682, N36660, AA467797, AA314917, F22231, W61084, N28955, AA897642, AA055651, AA401043, F28697, AA916716, W35170, AA400991, AI459613, AI264839, BF245948, H91964, AI183792, W70117, AW951971, F32049, BE781599, F21332, W19907, W60231, R77554, AA455025, AW474305, AA873439, H03117, AA483989, H50142, AA716117, AA978038, AW182103, H40085, F30898, W74540, AA128474, AW511963, AA335268, AW962727, F23477, N92608, AA906647, F29182, AW879581, AA455832, F29976, F26793, BF732750, F26857, AA300070, AA602800, R48819, AA369626, R48820, AA742758, AI719367, W39126, F32886, AA523612, AI014895, AA300069, AW418783, AI825594, N43840, BF223245, AI199049, AA937249, W20394, F37930, F28674, BE163986, AV738486, AA888678, AA055707, AA921866, D19857, BE840678, BE840480, AW268072, AI873613, AI343037, AI345397, AW301300, AW075207, BE138658, BE138712, AI313320, AI344928, AI366974, AI345416, AI345612, AI345111, AI349967, AI307503, AI349028, AI309431, AI310575, AW074993, AW071380, AI345114, AI345615, AI312152, AI345735, AI307543, AI308032, AI345224, AW072485, AI307494, AW303089, AI307520, AV743962, AW071362, AI307526, AW302965, AW072484, AV744136, AI336654, AI307507, AI336503, AI334913, AV738991,

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HCRPE50	662	864273	1 - 678	15 - 692	<p>AK026452, AL137533, AL353940, AF016271, AL137658, and AL359620.</p> <p>BE906508, BG176952, BG119766, BF315405, BF796929, N21474, AW962725.</p> <p>AW082995, AV755472, BF594004, AI360274, AI037855, AW156931, AI554100,</p> <p>AW007497, AI478780, AI653431, AI453168, AW084500, BG166964, AI806688, W63672,</p> <p>AW161413, AI434287, BE858543, AI214257, AA649068, AI222821, BE858816,</p> <p>BE904459, BG248818, AA581734, AI148356, AI023940, BE407567, AI685414,</p> <p>AI831484, H50099, BG028373, AI127538, AI279472, AI364371, AA773025, AA488943,</p> <p>AA488865, AW162184, AI123011, AA826437, AA724824, AA854512, AI800951,</p> <p>AA314274, W74733, H41639, AA936903, AA469467, AA992634, AA027848, N35097,</p> <p>AA044621, AI141455, AA835872, AI718955, N20569, R77458, AA815338, AA976010,</p> <p>W60232, AA055651, AI337789, AA568890, AI221519, H39206, AA706573, AA593835,</p> <p>AI828794, AI150124, AA613060, AA314917, AA149209, W61084, F36916, AW005313,</p> <p>AA149210, AA128350, AA467797, F22231, AA027881, AA897642, F28697, AA922961,</p> <p>AA286860, W69967, AI377018, N24682, N28955, AI183792, AA879143, H91964,</p> <p>F32049, W19907, AA401043, R77554, N91253, AA916716, N36660, W35170, AA455025,</p> <p>AW951971, AA400991, AI459613, AW474305, AI264839, AA873439, BE781599,</p> <p>AA483989, H50142, AA978038, F30898, BF245948, W70117, N92608, H40085, F21332,</p> <p>AW182103, W74540, BF683095, H03117, W60231, AW879581, AA335268, AW962727,</p> <p>AA128474, F29182, AA602800, AW511963, F29976, R48819, F26857, F26793,</p> <p>BF732750, AA300070, AA906647, AA716117, AA455832, R48820, AA742758,</p> <p>AI719367, AA369626, W39126, F23477, AA523612, AI014895, AW418783, AA300069,</p> <p>AI825594, F28674, N43840, BF223245, F32886, AI199049, AA937249, W20394, F37930,</p> <p>BE163986, AA888678, AA921866, AA055707, AV738486, D19857, AI873613,</p> <p>BE840678, BE840480, BG029053, BF726237, BF968910, BE785868, AW151136,</p> <p>AW082594, BE536058, BG164371, BF812933, BF341801, BE048071, BG120816,</p> <p>BE047737, AL041150, BF814420, BG249582, AI269862, BF816037, BF970449,</p> <p>BE047852, BF338723, BE876033, AW827276, AI364788, BF038131, BG256592,</p> <p>BE880182, BF822127, BE874133, AW673679, AA225339, AV727776, AW071417,</p> <p>BE880674, AA715307, BF924882, BF970768, AI580290, AL036548, BE965060,</p> <p>AI859464, AI805688, AW772685, BE879516, BG030364, AW827289, BF032768,</p> <p>BF339322, BF032910, BF814357, BE047952, BG034550, AI288305, BE968711,</p> <p>AI597738, BE246734, BG031815, BE964876, BG179993, BG026428, BG036846,</p> <p>BF968541, BG032208, AI698401, BE910373, AI627880, AL045500, BE622183,</p> <p>AI284131, BE887488, AW827103, BE904178, BG251104, BF527014, AL045620,</p> <p>BE877769, AV715354, AK000501, Y08702, AK024538, AF217987, E04233, AK024524,</p> <p>AK025906, AL133016, AF111112, AF218014, AL133568, AF113690, AL122049,</p> <p>AL162062, AL389939, I48978, AB052200, AF116676, A08916, AL050024, AF166267,</p>
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					AL157479, AL442072, AF130066, AF118064, I89947, AK000083, AF130077, AK000618, A08913, AK027114, Y11587, AK025798, AL080127, X98834, A08910, I89931, A08909, AF177336, AL133104, AR087170, S78214, AF175983, AL133072, AF116610, AF119871, AF162270, AK026593, AF116639, AJ012755, X53587, AR011880, AB052191, AF097996, AX005848, AX005804, AK027164, AF116631, E03348, AF218031, AK026597, AF111851, M30514, AJ238278, AK027200, AL117457, AX040958, AK026045, AK025491, AF125948, AF125949, AK026855, AL080060, AL122110, AF116691, I03321, AK026885, AK026480, AL133080, AK026592, AK024601, AL117460, AK000486, AF242189, AL023657, AL133077, AF061943, AF119875, X87582, AK026353, Z72491, AK025958, AK025254, X96540, AF113019, AR038854, AF116644, AF113689, AK024588, AF118094, A65341, Z82022, L30117, I48979, AX040974, AF026124, AF217982, AF113013, AF116649, AF116682, AK025383, AF158248, AX019230, AL117440, AF090896, AK026551, A08912, AF078844, AL049430, AL137560, AL117583, AK026741, AK026784, AL359620, AL080137, AL133560, AF079765, AF130104, AF285167, AF100931, AB051158, AK025967, Y11254, AK027213, AB048975, AL133557, AF119856, AF260566, U80742, AL133565, X63574, AF271350, AF132205, E05822, AL110196, AL390154, AF113699, AK000137, AK026542, AB048954, AK027116, AF113691, Y09972, AK026927, A45787, AX019229, E07361, AR038969, AL353625, AK026464, AF090934, AF113677, AL049452, AB048964, AK026528, AK000647, AK026452, AL137533, AL353940, U42766, AF026816, AF314091, AL359941, AF003737, AL133067, AF116688, AF017437, AL137526, AF119899, AK026526, AF217966, AL122050, AK026583, AB050510, AB050534, AF130100, AL359596, AK026506, AF130092, AF116654, AF183393, AL137538, AR059958, AK026647, AL133098, AK026630, AF116602, AL359601, AL110221, AF138861, X93495, AL389982, U91329, AL110280, AB034701, AX026824, AX026823, A58524, A58523, U00763, AF091084, AL162003, AL133640, AB048919, AK026959, AF119909, AL137459, AF130105, AF090903, AK000323, AL110225, AF146568, AL122093, X72889, I09360, AK025391, X70685, AL133081, AL080074, AK026608, AK026600, AL157482, AL133113, AL050277, AF113694, Y16645, AB048953, AF118070, AK026642, AL049382, AK025092, AL162006, AK025349, AL117585, AL050146, AL157431, AK025484, AL137273, AL133606, AL122121, and H03118.
				15 - 1250	BE439675, BE903592, BF984328, BF978147, AW955502, BF337207, BE272543, AV757236, BE743902, BF212880, AA889969, AW405217, AI991315, AV701663, BE270100, BG178791, BF681301, BE222645, BG167626, BF680700, AW069149, BF238307, AV736544, BF698492, BF130460, BF132414, AI493727, AI198642, AV745093, BE254068, BG255905, BG231583, BE734398, BF102497, AI147316, AW014782, BE256074, BE646408, AI709288, BE543668, AA877730, AA934591,
				1 - 1236	
		864279	663	HDTLL66	

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HWDAF64	664	864349	1 - 1592	15 - 1606	<p> AI859773, AI742029, AI685738, AI819810, AW082064, BE840167, BE840005, BE671043, BF973231, AI376066, AI459167, AI361641, AI076881, AA991356, AI870728, AA913664, BF371773, AI362847, AI625523, AA243783, BF875299, AW008550, </p>

						AA243768, AI055800, T59160, T10119, T09443, R19699, AA804259, T10118, T59198, BF540805, C01164, AW051639, R44256, T35738, AW474314, AI784617, Z43979, Z40037, BF508398, BE840054, AA913198, AW474325, AA027979, AI625526, AI870121, AA027980, AW845226, AI082717, AA617910, F33218, T24580, AV758455, AW196161, AC005585, AC004997, Z79948, AK025113, and AK025798.
HETJF10	665	864357	1 - 2037	15 - 2051		AU123966, BF792749, BF037359, BF984791, AU136685, AL041265, AU133918, AV655687, AA029276, BE082643, BE883009, AW015848, BE549266, BE326761, AA436376, AI809197, W37315, AA449544, AW173125, AV687145, AA424456, BE737009, AI768591, AW052025, BF941513, AU145073, BF724398, AA497127, AW197647, AA868251, BF880936, AW955407, AW959988, AA813941, BF432619, AU155078, AA885319, BE973576, AI588927, AI376992, BF475344, AW629030, AI672284, AI083554, AA449110, BE463702, AI669820, AI023470, AV726963, AI042075, AI201848, BE934146, AI188925, AI500297, AA497050, AA236326, AI168273, N32425, AI375372, AW874582, AI188562, BF111377, AI761601, AI961121, AW088258, N56847, AI361549, AA236260, T51928, AW771637, AI431458, AI097553, AI187005, AW183545, AI242321, AI141273, AA424411, AU156591, AI142573, AW881125, AI032543, N56987, BF761828, BF762678, BF445609, AW236707, R51141, AI376513, R52093, W26719, AW009278, AA865899, AW469765, AV653982, AA424816, AU136681, AW014014, BF516119, AI307295, R52187, AA931811, BF828274, Z45509, R21073, AA481309, AI041264, BF725099, H72731, BF761822, Z41201, AA808867, BF764776, R44838, AA992217, AA654910, BF760934, H72732, AI370687, AI183333, H44383, AA337239, AI095550, H80017, N47372, H39995, AW517839, W32303, H01128, AI914542, BE247185, AI221230, BG236418, R51033, R76738, AA365326, AI869591, AA364612, AA359636, W37830, AA319331, BF772808, H80018, R20023, T51718, AI073556, R76399, AW118516, AA495856, AA778843, AA732874, AI906897, BF360540, AW393465, BF916387, AV708158, AA190535, AA906512, AI206962, BE840455, X93832, AU118619, BF038985, AK023325, AP000533, AF147339, and AK021673.
HBAGI74	666	864391	1 - 400	15 - 414		AA026609, AP001725, and AC023510.
HT5EJ85	667	864392	1 - 821	15 - 835		AU123484, BG116908, BG116970, AU120475, AU134332, BG030323, BF345356, BG255249, BF685509, BF345482, T08102, AW008528, R23549, BE793684, BE675709, AI817029, Z46040, T78129, BF058320, AW673003, BE410393, AI971760, BF205217, BF732738, AU131260, AA286944, BE386237, BF025953, BE390969, AL535162, AW166573, AK023162, and AC083864.
HKAKL77	668	864545	1 - 579	15 - 593		BF665670, BF967372, BF700126, BF698599, AL519982, BF698090, BF980780, BF700291, AW960010, BF665302, AL523974, BF244116, BF670196, R64612, T65609, BF665033, BF792179, F11871, AA366080, T77162, T83570, N28835,

HCFBY67	669	864566	1 - 436	15 - 450	<p>AA319227, AI184691, Z42686, N45593, BF686055, AW381572, N28565, AA279404, W47016, AU128983, AA995357, AL036932, AI681856, N85113, and AK001453.</p> <p>BF185265, AV753027, BG236401, AA430271, BF196848, W52443, AI522976, AI963267, H71660, N57270, BF568872, AW080093, H02975, AI184163, N41702, AA354805, AA835802, AA535338, AW021005, AV743200, W07198, AI522977, AA812397, R68940, BE728887, BF026265, W52721, AI423101, BF026624, AW003853, BE783839, AI372075, AI096511, BE205808, AA179520, BE902516, AA777020, AW276383, AA994803, N79712, AI870199, AI148872, AI870599, AI739030, AI341570, AW005668, AI149470, BE786718, AI217915, BE781883, AW276121, AW966996, AI129319, N29849, AA931248, AI954169, AW317040, AA210733, AI497942, AW188522, AA487802, BF002732, W15591, BE409428, AW733109, AI209189, AW005839, T64613, W53036, AW192590, AV737406, AA618546, AI922330, AW148966, BF088972, N78608, W53034, AA604432, AA147319, AI453762, N49620, AI184275, AI203618, BF377137, AI241159, AW084537, AA126052, AA772034, AA04614, TS2871, AL527415, AA327444, TS2870, AI186618, W52389, AA169341, BE298514, AI038856, AI689061, BG036611, AI431668, H71661, AA933756, AA157808, BE122663, AA507263, AI683964, AV744545, AA506581, AI695499, BF685464, W95393, BE409758, AI767053, AA974379, W51825, N46925, AI651851, AV714282, AA485898, H04271, T39215, BF819078, AA668960, AA069002, W95351, BE909812, AI244108, BF793711, AA533871, AA211574, BF846568, AW262814, AI745721, AV737011, BF128849, BE763802, AI963134, BF432351, T64472, AW292194, AI000753, R44489, AI370259, BF975750, AA773889, AI302087, BF818729, BE834116, AA725357, AA648372, BG166261, AA852625, R68829, N72236, AI093364, BE694506, AA973710, BE694500, AA860323, H87180, AI363886, AW732321, AI823549, BF103559, AV699847, N29434, AA782882, AA211628, AI626082, AW751585, AI810911, R76590, AI753240, AI695727, AI356992, BE789511, T32276, Z20741, Z20720, Z20718, AI066799, AW206731, AV738162, Z20833, F20230, Z20853, BF312002, AA377649, AI371506, AW235059, AI913157, Z20826, BF345622, W31668, AA209497, AA195815, AV710593, AI420917, AI978781, AF077037, AX048198, AF144055, AF015947, A74967, A74946, A74944, A75042, A75063, and A75036.</p> <p>AL525170, BF527707, BF970711, BG025370, BE560905, BE382648, BE313171, BG254973, BG111049, BE779962, BG119109, AL530346, AW246354, BF207014, BE273342, BF315469, H17219, BE396506, AW881720, BE783929, AL047548, BF750956, BE812474, AW581642, BE261945, AW297013, BF677966, BE265009, BF111253, BE812468, AL522955, BF792135, AW296403, R25719, BF926891, H19385, T08867, AA861285, BE812501, AL522956, AA478552, BF344880, BG032567, AA450134, AW370482, BF081399, BF968412, T32904, BF315881, BF836642, BF965787,</p>
HUCNL85	670	864609	1 - 1561	15 - 1575	

						BE263579, AW961984, M78952, BF155249, H74159, BE260421, BF528633, AI571182, BF745614, BF378564, BF834394, BE378518, BE266986, AL520270, BE019170, AW162719, BF528912, AI910269, BF871924, BF209274, BF916766, AI674610, AW248385, BE798545, AW364801, AL530345, AA339338, AW998305, BF855358, AW898111, BE793384, Z44979, AA478551, BF149362, BF961380, T91440, BF881646, AW961065, BF835315, BE763484, BF914437, R09913, AW793516, AX035941, AF084559, AF126799, AL050118, AC004228, AC004770, AF139813, AB021980, and AF126798.
HSDIW17	671	864772	1 - 870	15 - 884		
HHETS46	672	864808	1 - 562	15 - 576		BF976896, BF306663, AI264637, AV738974, AW440517, AV762213, AI289816, BF031831, BE297329, AA308065, BF028464, BF977733, AI087224, AI333981, F22528, BE856896, AI087291, AI042559, N32838, AA101212, BF033741, AA513003, AA127626, AA716353, AA121528, AI208270, W39584, AI024761, AI805206, W44935, BG165592, BF248189, AA448463, AI685445, AA677140, AA045311, BE548267, AI094396, AA932240, BF209337, AA062780, AA973273, AA112905, AA062735, AI911056, BF342886, AA082078, AI347381, AA045417, AV711883, AI832874, AI086794, AA431571, T96692, BG167528, AI890885, AA894627, AA304050, BG235942, AI248836, AA327793, AA302176, AW772595, AA302332, AI350909, T96809, AI283682, AI695634, N42284, AA074777, AI097092, AA704961, AA704993, T97458, BG112065, BF690856, R09226, T97730, BE788922, T97914, AA203274, BF977954, BF690772, AA083929, AV716951, AA331180, AA593102, BG099483, AI540890, AI541321, and AC017002.
HAPSD53	673	864818	1 - 1454	15 - 1468		AI885337, BF038430, AW058242, AW006171, AI683297, BG151539, BE900526, AW170637, AA521253, BE900229, BF435588, AI799163, BE390009, BE222102, BE902789, AI342474, AW269145, BE221483, AI492899, AI339032, BE468188, BF063174, AW403201, AI952141, AI424932, AI652894, BE706348, AA676913, AA846869, BE221137, AI347198, AA622621, AI735209, AW190339, AW204342, AI076551, AW872815, AI347177, BE388652, BG055242, AW964942, AA873834, AA769173, AI769023, T66106, AA936795, AI092935, H05338, R15751, AI147274, H16849, R78720, R48155, R17960, BF063794, AA181878, AA133531, AA889396, R16187, H16741, H21663, T56878, AI191180, F11930, C17879, R43450, AI671901, AA356873, AW593905, H21662, AW207476, AI984277, T56879, F09576, AA505782, AA620362, AA326039, AI531891, AW197945, BE792574, AW888968, AK022948, AC004780, and AC011520.
HAMFW6 6	674	864987	1 - 455	15 - 469		AA181631, AI903265, BF989794, AW297814, AA419387, BG105915, BE003461, AF271070, and AC016254.
HTJMU48	675	865019	1 - 1106	15 - 1120		AL530369, AI535061, AL533033, AL526905, BE733578, BF026569, BF966291, BE727875, BF981187, BF183255, BF967510, BE272946, BE615953, BF182678,

						BE616877, BE272973, BE616777, AW374089, BE615247, BE731063, BE384379, AI214031, AL532487, BE019121, BF983883, AI752151, AL523946, BE835633, AL138133, AW581413, BE241701, BF819501, BE617300, BG104797, BF798681, BE243315, BF358033, BF872811, BF229532, AW380906, BF983957, BF329587, BE872636, BE074050, BF795012, BE906347, BG115718, AW605408, BF988678, BG015701, BG121424, BF980469, AW371243, BF733190, BF230058, AW388721, AW608453, AW373057, BF738922, BF526571, BG253820, BF684157, AU076659, AF037339, D67067, AF037338, AC011489, and AB015172.
HAUAE93	676	865020	1 - 821	15 - 835		AL531509, AL514522, BF526571, BG253820, AL523946, BF684157, BF980469, BG121424, AL532487, BF983957, BE382434, BE886275, BF689553, BF689896, BF944761, BG115718, BF851425, BE743030, AW882041, BG104797, BE617300, BE794829, BF765343, BE940065, AW364990, BF808730, BF951584, AA076557, AI909328, BF947166, R86655, AW392303, BF983883, Z43259, R56493, BE938387, BF358033, AW581413, BE843795, BE933378, BE936805, AW886746, BE937970, AA005246, AW602670, W27475, AW365079, BE074050, T81955, T81959, BF822519, BF091955, BF799596, AA731294, AW663033, AI032686, AA102176, AL526869, AL535061, AL533032, AA767618, BE615953, BE616777, AI214031, AF037339, AF037338, AC011489, and D67067.
HAICK45	677	865026	1 - 2683	15 - 2697		AU124026, AU125556, BE783093, BE795410, BG250051, BE783631, BE670928, AW294122, BE006510, BF110609, BE777779, AI133682, BE893801, BF816694, AI681449, BF815559, AI697810, AV752626, AW364876, AU123379, AW245308, AI768205, BF816059, AW953830, AU154731, BF438408, AI954608, AA608681, AI478604, AI094173, AW953829, BF195855, BF062831, AW166233, N35935, BE858085, AI338928, AU149190, AW959434, AA582845, AI989985, BF887251, AI633899, AI141852, AW269352, AI926632, AW996354, AA640311, AA278230, AI206195, AI270670, AI360878, F20547, AI337068, N67886, N67901, AI378580, AI621188, W95887, N24059, AW167800, AA830972, BF433869, AA213727, BF431102, AI494190, H77549, BF063492, AA071400, H82545, AI752077, T69890, AA689415, AA976754, BF815137, BF935062, AA774596, H78187, AA213435, N58007, AA652125, AI568847, AW080567, AI752076, AA630655, AA301148, R25524, R00427, H77550, T80885, AW630520, AI825340, W95761, AI217218, T70218, C04730, AA301050, R00428, R40274, AV652368, AI918621, R45585, AW974417, C00681, AA369698, T85808, BE792924, AA251346, R14323, R41093, T70308, AA278724, AA369697, AI079843, AW581898, AI557924, BE720138, BF376223, AI923602, AI908753, AW369639, AW369630, BE671925, AW351436, R28905, AI445617, AB002299, AL096678, and AK027048.
HBJK139	678	865163	1 - 720	15 - 734		AV763790, BG035095, BF311394, BE866107, AV710161, BF213450, BF033854,

					BF027535, BE560230, BE905264, BE612736, BF676342, BF212353, BG165664, AI131355, BE263142, AV763738, AA292974, AI557218, BF968040, BE384654, BE906893, AI090743, BE314436, N27721, AA557194, BE563017, AI804348, AA631848, AI146318, BE730034, AI539429, BE909983, BG236215, AW005799, AV733534, AA233902, AV682591, AI363335, AI082444, AI096906, AI422717, AA743800, AW136326, AI347590, AI087101, BF222827, AI022687, AW274996, BE550312, AA211343, AA211344, AI359155, AI333899, AA771974, AI343807, BF216279, N40054, AI142815, AI924652, AA436038, AA732876, AA810604, W25483, BF382936, C17967, H43647, H44711, T47061, AI547066, AA810608, AA299376, W19321, AI191094, AI219430, AA327206, AA234130, AW820573, AI525325, AA339885, BE267639, AA515856, T78524, AA729144, AA781701, AI247706, BE832365, AI350950, AA344641, AA193664, AI184429, AI583130, C00003, AI334371, N93495, AW204078, AA705561, BF697461, AA626270, AW874644, BG152857, BE833515, AI540527, AI351930, AJ278552, AI002507, AV742655, AW867230, AA435940, AA383605, AA398308, AA983731, BF031257, AA625778, BF246352, BF034079, BF081420, AI696588, AA551930, AA732937, AD000671, AF220053, AL133047, and AK027172.
HAGHY26	679	865168	1 - 2014	15 - 2028	BF673779, AW188040, AI221736, W87563, N93749, AW236556, BE552284, H10565, W87467, H23069, AA699314, Z43772, AA693810, AI918675, H24347, Z39835, AI184773, AA972788, AW594645, and H10362.
HCLSJ87	680	865172	1 - 625	15 - 639	BE048233, and AK024569.
HJBAQ50	681	865176	1 - 1849	15 - 1863	AL118982, AA394289, AA527127, R53332, BF593175, F11356, AA412141, R21019, T78686, R35190, R24849, T80400, Z43686, AW303583, Z46003, M78951, AA355887, AI621051, R50850, AI933711, AA888981, AI825042, R53937, BF741667, R39312, BF224101, R46134, AI302700, N51360, T17357, AI651758, and AB002297.
HTELJ31	682	865259	1 - 904	15 - 918	BE738225, AL535280, BG026763, AI885366, BE645606, AI302161, BF593751, AA242838, BF342857, AA446910, AA411760, BF244385, AW070321, AI814097, AI921187, AA447031, BF940067, AI493864, AA773130, AA496344, AI969151, AI371862, AI339154, AI253169, AI037935, AW510547, AA496393, AI122549, AI911375, AW249456, AI336467, AW263815, AW341480, AI055846, AI524628, AW136484, AW168421, AW248489, AA725305, AI333083, AA889590, AI884966, AW003871, AA733005, AW026126, AA534067, AA242738, AA279341, AW131306, BF594234, AW471456, BF196531, AA079369, AW466944, AW955701, AI311396, AA079368, R80506, AW519278, AI040818, AI269710, AA854533, AA196585, H72443, AA779210, T61615, AI374705, R80400, AA931193, AW197539, AA187141, AW893379, BE617112, AW191890, AW072109, T49445, AA406574, BE297346, AA443221, BF993721, AI302163, AJ278548, R01059, BF447381, AI032463, H59814, AI016223, AI968752, AW136446, AI015349, BE907334, H72353, T57782, R67486, R66343, R01784,

						<p>AW028501, AI869858, AA808976, AW572970, R66344, BE939729, AI038868, BF208092, AA338656, AI765860, BE788665, AI360100, R64309, AA583681, W25681, W02509, AA364871, T49446, BE617709, H59813, T82342, BE018166, AI419652, AI913490, R64310, BF246735, BF027486, AW972868, AA502662, AA523713, BE542590, BE408723, AV682906, BE384573, AW247397, BE276659, BE294408, AA837015, AI352514, AI582912, AW020397, AI865907, AI281867, AI811603, AW953965, AI697236, AW959800, AW169684, AI288076, AW130088, BF725868, AA825548, AI590860, AW168503, AW192701, AW073956, AI538850, AI473208, AW169383, AW087813, AA829930, N36182, AW083572, AI056328, AW001850, AI373276, AI823719, AI811644, AI584130, AW264411, AJ242859, AL133637, AF254119, AL137555, S53987, U55017, X67688, E01963, AL133113, AL080163, AC020549, S77771, U80919, X87224, AF314091, AL049324, AK025356, AF116698, AF118070, M85165, AL157431, AL389951, AK024545, AL162083, AF057300, AF057299, AR068466, AX015915, AF000301, AL133014, AI5345, AL049300, AL133557, AB047941, X52128, AF161413, AL137276, AL353999, AB048964, AF116639, AK000449, AK026591, AF082526, AF116614, U90884, E12580, AK027221, AK027160, AX046753, S73498, AB033881, AF061573, AF192401, and AF192402.</p>
HPJBE61	683	865275	1 - 1109	15 - 1123		<p>AL530596, AL530595, BF980986, BE748707, BF127552, AA402192, AA291615, AA652443, AA292475, AA830063, AI270545, AI928523, AA866174, AA461524, AA477033, AW298514, AA778558, AI500380, AW955121, BF842518, BE539361, AA293673, AA768790, BF843066, AA402823, AA312083, N95468, BE889325, AI205571, AI198576, W74354, BF084989, AA770325, BE077353, W76549, AI826564, AA764941, AI749672, AI262451, BF817239, AA236730, BF817243, BF817326, AA460596, AW189630, BF696893, W25208, AA220212, AW952409, AV703593, AV703222, AV648263, AV652027, AV708723, AV729263, AV726520, AV651700, AW949795, AW951214, AW955613, AV696106, AW951263, AV689111, AV728157, AV692345, AV708893, AV659536, AV706219, AV707541, AV704637, AV726624, AV709604, AV704955, AV652156, AV658332, AV701707, AV727799, AV705693, AV726784, AV703159, AV708704, AV702427, AI557254, Y11505, and U38894.</p>
HLTCU22	684	865293	1 - 717	15 - 731		<p>AUI131397, AV709023, AV649313, AA446793, H73097, AV649514, AI525507, H86748, R14393, F07747, BG236449, N45507, BE857570, AW818138, AA255828, AA255827, BF763365, AK023169, AF169974, AL450226, AL137039, and AF148321.</p>
HE8DZ49	685	865322	1 - 1554	15 - 1568		<p>BG141332, BG115975, AW402616, BF129128, AA487951, AV753264, BF934693, AA383094, BF570933, T80138, AA235941, AA322684, BF917289, AA985393, AA322021, BF741689, R05721, AA031936, BF850739, AA481880, AI640322, BF898592, BF898584, AV723818, AV701066, R13275, AW961883, BF830023, AV725961, AW370906, AW517885, AB018339, AF043290, AF281869, AF281870, and AL078582.</p>

HEGAC86	686	865369	1 - 885	15 - 899	BE467539, AA524412, AI742825, AW268891, AI588931, AI459294, BE895437, AI765671, AA725573, AA429631, BE326464, AI417654, BF448278, BF447896, AI253095, AW073496, AW023725, AI167959, AW103495, AW969533, AI093855, AW268823, AI337559, AI653983, R96969, AA570087, AI263434, BF883014, AV692191, AL045163, AA910889, BF883015, R70192, AI689914, H58753, AA939009, R96914, N51672, AA256181, N73098, AI431926, AA091662, AA894430, AA429632, AW959946, AK026041, and AC010289.
HOUDS89	687	866090	1 - 987	15 - 1001	AI083899, BE275761, AW207384, AW136129, AI927645, BE673962, AI659080, AI569753, AI197768, BF445510, BF438389, AA973894, AI917444, AI363893, BF115804, BE727723, AA865863, AA931590, BF027101, AI032339, AI032343, AI571304, AI371819, BF515519, AW298035, BF513595, BF513048, and AI039911.
HCEVF41	688	866297	1 - 1142	15 - 1156	BE910478, BE261639, BF308306, AW249090, BF246849, H09414, H18721, AI394026, R11726, AA025081, AW248655, BF742266, BF246058, H46443, AA055061, H29433, AL534131, BE019085, BF207033, AA293722, AI094911, AA627408, AA631985, AI971919, BF940419, AW028826, BF436716, BF732259, AW055123, AI094408, BE258822, AW051497, AA327540, AL041348, AW955452, AI338005, AI245937, Y17801, Y17802, AJ245935, AB033418, AF232061, and AJ245936.
HPWBO25	689	866302	1 - 681	15 - 695	AI557762.
HSKNJ56	690	866374	1 - 580	15 - 594	AI0117035, T27082, BF751939, BE843418, W85798, R35500, AW895204, BF878078, R18150, AW863634, W81641, AK021448, AK002198, and AL121926.
HSSKP43	691	866388	1 - 1282	15 - 1296	BE786334, AW474547, BF001686, AI830378, BF196489, BF242919, AW474497, BE540110, AW474534, BE932149, AW044135, T26672, AV721244, R39421, R39406, Z40760, AA248329, BF970155, BE253241, AW518599, BE843437, H88189, AW514672, BF512997, AI902631, AI902632, BF679380, AA229293, AW189301, BG168549, AW089275, AI358701, AI801152, BG113385, AI613436, BF061283, BE887488, AW827106, AW262983, AI363957, BG104820, BE886728, AI439717, BF970449, AL039086, AW129929, AW020693, BG251478, AW023590, AI382670, AI524780, BF061286, BF970768, AI431424, BG166654, AI890507, AI955906, BG251110, AW105601, AI471361, AI799183, BF904265, AV729439, AI700159, BF854113, AW302992, BE910373, AI690748, AW269097, AW152469, AV708004, AA983883, AW089572, AI475134, AI349957, AL120700, AW072719, BF680133, AI911648, AI336495, AI345005, AI632997, AW029197, BF884999, AW268253, BG033723, AW090539, BF527014, AI866798, BE964078, AL119863, BG163618, BG001235, AI933589, AI611348, AI309401, AW149925, AW020419, AI345608, AV757943, AI811785, AW268302, BF726348, BE877295, F27438, AI567612, AW301300, AI433384, AW075207, AI343037, AI648684, AI345735, AI280747, AI627604, AL036980, AV717234, BE138712, AA291456, AV757343, AI917963, AI500659, AI254597,

AI345471, AI826225, AW169653, BF055899, AI313320, BG028025, AW074993, AW302965, AI349614, AW071380, BE781369, BF752845, AI572717, AI309431, N29277, AW198075, AI312152, BF909758, AW827103, AI310575, BG058150, AI783504, BF092710, AI805769, AW075084, BG110517, BG109270, AI468872, AW193134, BF826445, BE069307, AI349937, BG029667, AI874166, BF338002, BE789764, AI340533, AI307708, AI961589, AA572758, AI688204, AW935969, AI589267, BF054877, AI318280, AI312428, AI340627, BE785868, BE965432, AI267162, BF872670, AI445992, BE965067, AI307520, AI340603, AW020095, BG252799, AW303152, AA580663, AI254226, AI036802, BG249582, AW806761, AV741327, AI866465, AW090393, AI627988, BG256090, AI800453, BF885000, AW845239, BG113299, AW072484, BE047852, BE965621, AI343112, AI668893, AI889147, BG031664, AI923989, BG025275, BF343568, BG179438, AI670009, AV738991, AW301505, BE907440, BF883916, AI349598, BF882343, BF968151, AI890806, AI582483, AV726125, AI349256, AI036664, AI570807, AI345778, AI620639, AW193125, AI744923, BF726237, BF924882, AI801325, AI280670, AI567351, BF339322, AW149026, BG164558, AI334884, AI307543, AW827206, AV755973, AI566670, AV713988, AW071412, AI634467, AI862144, AI336513, AV682124, AI312325, AI345261, AI288285, AI886123, AI352326, AW301513, AI281867, AB028127, AB028126, AI110280, AI050092, U68233, I92592, AJ238278, AF119899, I89947, AK024538, AI389939, AF118064, AK000137, AK027146, AK027164, AF116602, A08916, AK026534, A07647, AF119860, AB019565, A08910, A08909, AI390154, I48978, AR038854, AF113694, AB051158, AI359615, A08913, AK000391, AF091084, AF116610, AI110225, AF067790, AK026855, I89931, S78214, AR087170, AF097996, AF132676, AK026164, AF061836, AF116654, AK027200, Y09972, L31396, AF116682, AL442082, AI133568, E02221, L31397, AI389935, AK000083, AF130082, AF314091, AK024588, AK025254, AF116691, AF218031, AK025391, M30514, AI133557, AI133565, AI137292, X82434, AB052191, AI162008, Y11254, AF017437, AF116644, AI133080, AL049430, AI137648, AK026629, Z82022, AK026542, AB048975, AF116646, AX020124, AI133560, AK025967, A90832, AK026353, AF113699, E02349, AK026746, AF242189, AF090903, AI117457, AI050149, AF262032, AK025484, AI049464, AF132205, AI137488, AF116631, A08912, U91329, AF090943, S69510, AK026452, AK025772, I00734, U35846, AI133606, X63574, AB034701, AF177401, AJ000937, AF159141, AF065135, AI049314, AI117583, AK000212, AF130092, AK026506, AK025349, AF125948, E00617, E00717, E00778, AF208026, AF056191, AF061573, AF130066, AK024992, X87582, AK026480, AK026597, AK026959, AF177336, AK025084, AI137459, AF113222, AI050116, AI133016, I09499, AI050146, AI353956, AF146568, A03736, AI137480, AR011880, AR020905, AI137429,					
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HSKJK72	692	866398	1 - 892	15 - 906		AW296349, and BF997224.
HACBC20	693	866413	1 - 1211	15 - 1225		BE513148, BE797807, BF969302, BG029975, BE974033, AI459123, AW205404, BG249612, BE161969, BE857362, AW026544, BF589390, BE858281, AI764966, AI290966, BE219681, AW131828, BF476182, BG149542, AL338637, AA251984, AI422067, AI458743, AI80429, AW301645, AA490191, AI680968, AA625101, AI160212, AA489660, AI634228, H97818, AW290929, AI342858, AA310446, BF437800, AI351545, BG152888, AW300218, AA421793, AI348502, BE502895, BF111045, AI081043, AI200681, BE326725, AW419232, AI948814, W94428, N33300, AI128774, AW612289, BF897207, BE857515, BF929419, AA310284, AW160878, R37249, AI619597, AA707491, N44832, W92639, AW958256, AI183724, AI798320, AI474743, T19385, H09911, AA456128, D20796, AI933847, W04798, BF054984, T62971, BE881545, H09816, T63223, AI470992, AA252090, BF927676, R12320, AA459752, BE925970, AW891960, AV645773, AI928661, AV645897, and A52243.
HSDIS65	694	866560	1 - 1838	15 - 1852		AL048947, AL048946, AI914416, AA921826, BF675122, BF954517, AW963319, AV723474, AA861010, AA897158, AA057762, AA357651, BF875848, AA298255, AW753507, AU157255, BE835296, AL120223, AA258268, BF967179, AU137659, AW846413, BF967245, AW375642, and AK002017.
HHFEL55	695	866610	1 - 2014	15 - 2028		AI300085, AI953023, AI923834, AA534574, AA621869, AI540078, BF338832, AI554777, AA478423, AA662479, AI079230, AI870830, AA805634, AI817685, BF002847, BE281539, BF876402, AI554780, AA828330, AA641940, BF568662, AI560206, BG222392, AI570555, AI804877, AA621800, AI304391, BF515070, AI142933, AI004697, AI857389, AA290739, BF512572, AI081510, BE819351, BE245307, AA402200,

					AI627206, AA907426, AW025429, AI702954, AA642307, AI628772, BG060039, T54569, AI581091, BE348345, AW054741, BE645352, AI818127, AA290740, N94567, AW235867, AW612635, AA761151, AW339841, AW299784, AA972435, AA582355, AW104341, AA328840, AI628426, AA974720, BF981016, AA916334, AA534608, AA806697, BE903641, AA642395, AI201933, AA525211, AW023784, AI767638, AW303967, AI080153, AW004963, AI750054, AI697027, AI688247, AI651346, T942220, AA953557, AI688379, BF870207, AI859904, AI989646, D61634, AA703897, T54530, AA872882, AA975226, AA354325, AA729832, AI539744, AA679808, AA026794, BF724422, BF876394, BE141854, AW082990, AA907220, W21606, AW407851, BE645804, AI918164, AA641890, AA343865, AI953075, AI638668, BF876415, AI918888, AW407511, W30858, BE855711, AA485038, BF992624, BF895975, AA746590, AI871409, AA483833, BE903520, AW934997, BF675346, AI002596, N69770, AA883525, AA090880, BE855562, BE005937, BF221571, AI363278, BF000343, AW172724, AW173209, AW007389, AI524739, AI539471, AA155623, AI150893, AA485039, AW135403, AI288226, AW340065, AA405924, BE550718, AC004221, AB036882, and AA4045801.
HSIDL28	696	866611	1 - 542	15 - 556	BF876402, BF870207, BE819351, BF876394, AA478423, D61634, BF876415, BE141854, AA343865, BF568662, BF895975, AI859904, and AC004221.
HELDIT78	697	866684	1 - 1859	15 - 1873	I28792.
HCMTA51	698	866733	1 - 731	15 - 745	BF932257, and AB037815.
HSAGZG23	699	866813	1 - 454	15 - 468	T96724, AA701886, T96613, AL133245, and AL121653.
HATDH85	700	866832	1 - 712	15 - 726	BG179979, BE872825, BE378971, BF692038, BF794633, BE748450, BF793582, AW960365, AA313983, BF679774, BE894558, BE545903, BG168341, AI671142, AW956203, BF246599, BE789312, AA325169, T51465, AA420454, AA375752, BG178312, BE735826, T98387, AI905845, W17013, T71419, BE746277, BF030023, H83008, T81203, AA090068, N73033, and AK024673.
HTXNU58	701	866980	1 - 1601	15 - 1615	AL518407, BE390065, AW247313, BE794675, BE264777, AI741443, BE253080, AI693707, AI143127, BE266914, AW026265, AI924930, AI393534, AW051881, BF727147, AA229047, BF087096, AI694101, AI199736, AW628929, AI684280, BF087080, W39029, AW963448, AA868527, AI369441, BE503235, AW594196, AI827081, AW375912, AI799947, AA588251, AA402050, AW029039, AA311874, AA133015, AA854390, AI078410, AA846098, BF433291, AI078477, AI568317, AA621434, AI885825, AA401956, F31153, AA889522, AW024441, R73295, AI193624, BF569759, AI262714, F34143, AI823605, AA676985, AA132720, AA586510, AW005922, AW193025, AI766837, AA229112, AI675643, AI536634, R71809, AI079947, Z41190, AA364116, H99126, BF063250, R54969, AA730069, BF768524, BF888478, AA327014, AA767519, AI381855, H27100, AA888028, AW149951, AI277176, AI825306,

									AW589816, H27291, AI392904, F36577, F04843, AI381381, BF811963, AW749842, BF803616, BE272069, BE280569, AW452547, AW118486, AA993260, and AL022100. AL523125, AL533388, BE731085, AL536490, AL528592, BE742386, BE260488, BF339003, BF204198, AL527097, BE315275, BE396268, AL521084, BE279532, BE789843, AL535451, AL533206, BE294467, BE294064, AL522670, BE313053, BE791521, AW410248, AL535106, BE379550, BE257953, BG250732, BE788649, AL524249, AL536589, AW896073, BG115055, BG178245, BE906891, BE262939, BE791682, AL521963, BE299829, BE394960, BF686528, BE737462, BE901021, BF839704, BE836221, BF182949, AA447347, BE790670, BE780791, BE906503, BF346674, BE891675, BE813627, BE617062, BF973295, BG001368, BF986410, BE737444, BF973329, BE890212, BE385628, BF347076, BF982052, BF305720, BG035331, BE389700, BE389156, BF970413, BE390180, BF765773, BE388422, BE386485, BE162527, BF569408, BE797693, BF985492, BE298811, BE884989, BG001371, BF688362, BE620511, BF035350, BF347446, BE272650, AW403669, BE378920, AA130797, AW953445, AW956870, BE612804, T35634, BF568099, T35640, R98124, AW607654, T08443, BF959394, BE745610, AA461412, BE843323, AA493816, BE868244, T35803, T35645, T08078, BF763511, BF0335737, BE798645, H56252, BF205431, AL120204, W31266, T35607, BG251430, BG026669, AW390286, AA324356, T35562, BE778020, AL533664, T35560, T35580, AW994047, BF964045, T34460, BE544039, D55812, R87889, AL533350, T35561, AL524248, AL135544, AL523124, Z42226, AA303806, T35564, T34266, BF762110, BE002599, AA325465, BF317044, H46568, AA133042, AW879358, AW879290, BF935171, AW498707, BF741737, BF038808, BE140487, BE893071, AW845184, BE140485, AW747951, BF740744, BF741783, BF741257, BF360609, AW178880, BF808207, BF741252, BE701610, AV657771, BF982929, BE701608, AW402690, AL533663, BE868322, BE387658, AW178862, AA065281, BF830003, BF948397, BF529863, AA319835, AA977776, AL521083, AU126624, BE536556, BF734814, AV657800, AW845175, BF948398, D78915, W90309, BF948223, AA102711, BF307126, AW956387, BF841751, BE171496, AA340091, H39700, H14195, BE930046, BE930049, AV697048, AL521962, AW882314, BF337722, AA369470, AW948539, AW274402, BF839955, AW379477, AA302545, AF176006, AK022783, AF151822, AF189289, AF192559, AF176007, AF192558, and AB040292.
HHSF165	702	867000	1 - 933	15 - 947					AI003935, BF983692, BF365672, AI560657, AI952878, AW204417, AI916698, AW779600, AI036080, AI270725, AW130318, AW071838, BF197272, AA595148, AA496286, AI968048, AA535372, AW469243, AA458983, AW662372, AW103390, BF001976, AW241678, AA992806, AA702669, AA411460, AA680090, AA427557, AA057543, BE217837, AI025790, AA419217, BF895403, AW236215, AI933720,
HRADG27	703	867187	1 - 828	15 - 842					

					BF767496, AW102764, AI471307, AW028139, BF767749, AL036079, AA779900, AA005226, AW627819, T85330, BF767501, AI275738, R05480, AI801715, H72246, AI250341, AA609061, BE770024, AI392865, AW206043, AI766731, AF279265, AC005923, AL050170, and AI024507.
HWBCE30	704	867206	1 - 679	15 - 693	BE882545, BE745043, BF880985, BF843976, BF841772, BG006450, BE273277, BE273774, BF881163, AK026959, AC036158, and AC036158.
HBOF57	705	867330	1 - 956	15 - 970	AI527057, AI523047, AI527093, AI528652, AI527989, AI533103, AL530947, AL523026, AI528651, BE906415, BF795026, BF529536, AL515511, BG028753, BG109320, AL530946, AL527988, BG108337, BE409222, AL524166, AI142548, AI076620, AL524167, BE410603, BE858213, BF526060, BE537964, AW207539, AW593262, BE670549, AI391504, BG253740, BF056059, BF112238, AI148710, BE644982, AI459137, AA522920, BF115279, AI762559, BE327654, AI373860, AA913826, BE645078, BF590067, AI095293, AI803364, AI050874, BE538620, AI890078, AI581290, BF430963, BF195714, AI083994, BF195536, AI052777, AI074517, AI167180, AI074538, AI151312, AI936640, BF112128, AI015839, AI674344, AA937098, AI990059, BF111223, BF940920, BE674527, AI339776, AA917921, AI354825, AI085262, BE887668, BF222052, AA581990, BF196713, AA215693, AI087807, AA810757, D19607, AI089883, AI161211, AW340672, AA831950, W74293, BE676767, BF196679, AI084131, AA287408, AA476727, BE464991, AA744671, AA423998, N31738, AA305157, AI097584, AW301681, AI829997, AI498589, AI359885, AW102710, F22539, AW083322, AI796928, AA282043, C01766, N27093, AI370809, AA886734, AA282205, BF002462, AW028614, AA989141, AA404240, BE876093, AA287357, AI356196, AA631293, AA358542, BF941746, AI121501, BF360037, AA876563, BE857062, BF832752, AA370269, AI953829, AW470863, AW072175, BF817268, AA425621, AI610796, AW518575, AA307877, AA362894, AI160244, BG259640, AI624790, AI367991, AW104623, AA370270, BF815419, AW089151, AW404514, AA282321, BF870069, AW137670, AI471239, Z39418, F10607, AI128796, AI435516, BF109728, AA732841, AW474739, AA625635, AA969232, AI040652, and AA976485.
HAPNX79	706	867380	1 - 1554	15 - 1568	AL530013, BF057597, BF689272, BE780679, BE264598, AU159982, AU159148, AI889175, BE782348, BE867162, AW001971, AV660589, AI940395, AI589299, BE398067, AI808453, AA809956, BE397390, BE304519, T15859, AI962984, H20543, BF348076, AI685406, AA235197, BE560657, BG056919, AA862809, BE514151, BE278697, BE900545, BE902464, BE733341, BE744609, AI243558, BF868362, BE273629, BF688464, BF590659, AA995380, AA962405, BE696154, H20635, AW242465, AW815015, BG120718, BE504803, BE256213, AV657583, AW951235, AV709580, AV709935, AV703762, AV727032, AV727613, AW955012, AW952183, AV709587, AV659389, AV659294, AV727787, AV725745, AV686060, AV660608,

				<p>AV709314, AV691080, AV652001, AV727003, AV727526, AV701496, AV728924, AV725617, AV699089, AV656478, AV706074, AV709660, AV654035, AV704042, AV729220, AV687035, AV697498, AV655096, AV727238, AV696866, AV728997, AV656256, AV698429, AV692972, AV695545, AV656283, AV704234, AV708025, AV729378, AV684604, AV708980, AV692691, AV728270, AV709256, AV702516, AV693523, AV727807, AV703456, AV726103, AV728642, AV727029, AV727221, AV707510, AV728471, AV708438, AV725134, AV696931, AV728436, AV683994, AV708992, AV728733, AV965874, AV690768, AV686420, AV682997, AV686390, AV686417, AV686083, AV694871, AV704124, AV703501, AV727126, AV649758, AV725956, AV728985, AV707329, AV656903, AV697288, AV655890, AV697196, AV707753, AV655280, AV659322, AV654908, AV704553, AV698545, AV708893, AV708381, AV660728, AV702345, AV651955, AV661704, AV703169, AV698609, AV728518, AV706532, AV727929, AV964231, AV961403, AV704637, AV692345, AV686064, AV726156, AV960720, AV957068, AV954032, AV706229, AV706854, AV709604, AV701067, AV726681, AV728652, AV725920, AV659547, AV652156, AV658332, AV725054, AV685688, AV689800, AV693005, AV687909, AV701707, AV702854, AV961112, AV684762, AV707933, AV701914, AV705159, AV709407, AV708704, AV703495, AV725826, AV705280, AV727272, AV726816, AV727459, AV702832, AV697880, AV701874, AV687946, AV959895, AV728721, AV701537, AV707415, AV726590, AV706407, AV702794, AV687176, AV725033, AV728965, AV729094, AV727343, AV705811, AV708961, AV726787, AV960326, AV958093, AV660258, AV702385, AV658863, AV709786, AV696106, AV703855, AV704592, AV701538, AV702861, AV692600, AV951263, AV689111, AV728157, AV683443, AV646808, AV706219, AV725864, AV959823, AV964095, AV950247, AV964800, AV959848, AV659536, AV959863, AV705632, AV954116, AV726624, AV706721, AV706659, AV704955, AV963264, AV684962, AV704269, AV727103, AV727819, AL110260, AK023915, AX047063, A82595, A82593, AR050070, AX047062, A62298, AX047064, U94592, AX009343, AX009341, AX009337, AX009335, AX009345, AX009342, AX009344, AX009340, AX009339, AX009336, AX009338, AX009334, Z30183, AF006072, A62300, AX040581, U45328, AX046743, and AR025466.</p> <p>AI205313, BE738251, AI127426, AI860308, AI831972, AU119812, BE797476, BE676390, AW027255, AA984233, BE139485, BG255959, AA25517, BE793963, AI033544, AW438777, AW298592, AA134896, AI564553, AA626401, AW872789, AL138267, AW967914, AW298665, AA476381, BE793467, AI858426, N25295, AA279684, AA054506, AU146059, N75231, N59205, AW271849, AI760694, T16353, AA550740, AA279808, AA446420, AW293935, AI655784, AA262678, AW607571, T17104, AA317993, AW607558, AW247039, AW615803, H00572, AA209219, AI364413.</p>
HABZ74	707	867423	1 - 1539	15 - 1553

						C21358, AA776126, H00573, BF592108, N74593, AW250388, A1074663, AA476331, AW956035, AA746090, AA092343, AA054369, AW956040, AW884305, BF090154, AA370202, AA135011, AW050665, AA550858, AW851395, AA428079, AK021910, AR064036, AC006582, and AC011604.
HKATA81	708	867546	1 - 2136	15 - 2150		BE620053, BE620593, BG109710, BG119433, BE383397, BF035847, AA872710, BG111960, BG248347, BE904996, BF036705, BE378983, BE740887, AI300158, AV716604, H98963, BE257692, BF036166, BF310661, AU128210, AW778814, BE294553, BE879729, BE261359, AW592818, BE258999, AW953784, AV710056, BG026514, AA044747, AA044799, AW051637, AI921790, AI469932, AA947927, AA878925, AA934688, AA058505, BE567185, BE251176, AI016169, AI453622, W95793, BF312584, BE271728, AA834560, AA903577, BF310228, AI299177, AW749554, AI309289, AW874395, AW293746, BF245674, AI948425, AW118921, AI277337, AI085685, AA934482, W38688, AI303007, AA421510, BF243996, BE440006, W95680, AW342036, AW601910, AA053139, AI419931, AV712772, AA962740, AW749576, AW954824, AA417091, AA055227, BE552333, AW291750, W31033, BF304421, T87073, AI371426, AV681938, AI143381, N92290, AV756120, AV713230, AW749583, BF088974, BE794262, BE258966, AV737047, N25835, AA912713, AA037518, AI097662, W80906, AW291904, AA315305, H71267, AI361634, AW374030, W80813, AW196527, AI247237, BF909052, BF366991, AA657605, AA037362, H41713, AA541343, AW300889, AW300782, BF831587, AA878777, W24468, BG114386, T81887, AA054464, AW374000, R05508, R05615, AW374003, AA363979, AA055226, BF216378, AI041162, AA213429, H73396, H75589, AW384982, BE067202, D20873, AI831636, AI038897, AW795930, BE327096, W86895, BF759237, BF792783, T87074, BF513528, AI311824, BG036220, AI074803, AI690185, BF510224, AF161512, AK024569, and AK024237.
HPMLG49	709	867555	1 - 1858	15 - 1872		AL517380, AL526030, AL514658, AL517381, AI654159, BG178822, BG032080, AA905050, AL526087, AA626798, BE878244, BE218373, BF670896, BF669274, AI810478, AW972555, AI770026, AI888497, AL515104, BE018661, BF207186, BF063287, BE302235, AI478541, AI471838, AW960373, AW377554, BF977505, BF691371, AA314457, AI207225, AI681751, BF696277, AW043978, AI783497, AW299783, BG260195, AW269176, AI937849, BE536570, AI274063, BE766991, AV662157, AI418394, AI247276, BF977120, AV738504, AW607490, BF762248, BF977789, AI879137, AA505969, BF105901, R44048, AI207224, AW235231, BF764012, AA505871, BF223084, BF764013, AA397413, AL515103, BE882337, BF724709, BE568397, AI284411, R39687, BF509264, BF724252, F08821, AI138560, BF930541, AW418591, BF511721, BF978956, H02294, H19601, T49354, AV737871, H19720, AA075444, AI698907, AI041138, BE048891, AW014778, H19568, BF224416, D11695,

HPMJN59	710	867569	1 - 911	15 - 925	H47194, AA009866, T49355, A1049761, A1816449, H19515, A1620398, H20058, AW262559, A1285929, A1423579, AW022720, AA507367, N22165, N71532, A1075991, H19485, AW817717, R72180, A1015251, A1953565, AA089888, AW888597, AW888622, AW888626, BF344236, BG165731, AF195623, AC010205, AC005409, AF047431, AF195624, AF225896, AF181478, Y08486, Y08485, X75785, AK025141, and X77371.
					A1917735, AL043338, AW303607, A1819365, BE733691, AW958665, A1243857, AW469635, AW469326, AA496257, AA278626, AA278625, BE789604, AA417787, BG163397, AA306656, AA831859, AA769522, AA157110, AA312210, AA579065, AA564476, A1205635, AA740386, W23045, AA491643, AA810400, F29732, AA417708, BG165205, BE677853, A1567332, BF830136, BE888665, BE739252, BE703932, BE831081, BG259221, BE831119, BE703947, BE703933, AF221635, AF221634, AF221636, AK000290, and AF221637.
HKAED76	711	867582	1 - 1247	15 - 1261	BE176391, AW043385, AW008387, AA707041, AA148822, AA682310, A1742170, AA029670, BF810978, BF439099, A1168076, AA150422, AA693926, W00859, N67047, AA044243, H75419, BE467072, BG166474, D62012, BF211202, BE771574, R09346, R09234, H68486, R06965, C00322, BG055641, AA044324, R06914, AK027115, and AC007969.
HSPAD49	712	867588	1 - 1343	15 - 1357	BF573452, BE568159, AW992556, BF433513, H12032, R53300, R64078, AA234006, BF752650, BF910955, R32285, A1243343, BE812411, BE144212, BF085385, AV749701, BE537504, A1971227, BE566136, and AF198489.
HARMV22	713	867612	1 - 586	15 - 600	BG251248, BE870251, BF183244, BF305644, BG115015, BF305304, BG109203, BE386152, BF982251, BF982386, BE899550, BE301893, BE299415, AL522002, BF970528, BF793440, BE901577, BF344719, AW732476, BE779176, BF316646, BF673757, AL521166, BE409982, AL521608, BE732838, BF340859, BG117962, BE281306, BE280374, BE901175, BE735023, AA206511, BE281612, AA204913, BG249255, AL522550, AW250139, BE872442, AA233944, BF237978, H66924, BE410162, BG165427, BE547252, BE278514, A1752100, BE793472, BF125052, BE018945, BE018944, BE298316, BF688682, BE868990, BE707861, AA580387, A1243650, A1271671, A1243649, AF132942, AF151829, and A1243651.
HSDIY76	714	867686	1 - 1008	15 - 1022	BE545147, A1003306, AA724572, BF934855, AU141321, A1671252, AA563603, AF156857, and AK023880.
HPJEV26	715	867728	1 - 2433	15 - 2447	AW967465, BF791746, AW957363, AW577740, BE885009, BF435463, BE835283, BE909759, BE835339, BF588573, AW602441, BF666903, A1207040, BF977682, AW379050, A1540159, BF571100, A1769050, AW298379, AA780799, AW750518, AW732059, R56412, R62196, AW628422, BE835274, BF208275, AW189344, A1687116, A1202320, AA599735, BE835264, AW577940, AA113450, BE835266, BF115614, AW243682, A1263369, R68073, AA350381, AA884718, AW195121, BE826016,

					AA279250, BF369133, T86222, H69827, BF063069, R39471, AA090799, AW369800, R65869, AA329705, BE782401, AW167762, AA854643, BF995101, N77650, AI689829, BE503641, BE927088, AA996345, AI033930, T10408, AA771990, AI760189, AW149527, AA418809, AI905914, BF342692, AA705912, BE814936, BF055337, BG006890, AA873300, BF112177, BF000218, BF380094, AI740596, BF380091, BF907097, AL050164, AF081259, AF081258, AF081261, AF081260, AC003684, and AL022725.
HPJEV91	716	867729	1 - 851	15 - 865	BE387162, BF977263, BE564669, AA648416, BF195892, AW360816, AL522606, BF246187, AA428104, BF242435, AI671172, AW970286, AW292932, AA112735, Z45570, AW970367, AI767437, AA534599, BE502417, AA426017, W90405, BF514574, AI292331, AI352501, BF185515, AA112712, W90145, T49740, AI797956, T49741, AW013955, AW007052, AI760456, AW360813, and AF147306.
HAMGK1 8	717	867752	1 - 658	15 - 672	AV734391, AU143505, AU118959, W02272, W30926, BF207606, AV709525, AA256013, AA227194, H87111, AA386066, AI915132, AA312983, AI915142, AA252578, AW504732, BF208948, AU135918, BE840881, R57641, BE164397, AK024050, AK021735, and AK001873.
HCHOH94	718	867777	1 - 560	15 - 574	BE384965, AU137671, AU141037, BF315974, AI815752, AW408615, BE247057, BE245909, AI906637, AA309547, AK002018, AF047690, and AK024401.
HPJDA25	719	867778	1 - 804	15 - 818	AU141037, BE384965, AU137671, BF315974, BE247057, BE245909, AI815752, AW408615, AI906637, AF047690, AK024401, and AK002018.
HJACF33	720	867890	1 - 1045	15 - 1059	BE175371, BE875777, AA311147, AW753492, BF241421, AA063503, AA772927, AW962323, AA063426, AW408063, BF329064, BF329057, BF907586, BF907580, AA526193, AW972802, BF756910, AI274692, AI138265, AA169768, AF236698, BE062158, BF915839, AA127354, BF872216, AA127353, AA721577, AI078409, AI907157, AU144500, AI914151, AI951436, AV730310, AV730307, AW406659, F26719, BF245039, AA579249, AV732042, AW976134, AV691147, BE044986, AA533138, AI934307, AW407220, AI720141, AI559114, AA493902, AI339440, AI935827, AW500532, AU155231, AI050007, AW962942, H94871, BF211759, BF815810, BE617662, AI355224, AI134457, AI138218, AI799545, BE395137, BE541778, BF827410, AU120769, AI446474, AI754658, BE906897, BE164011, BG010717, AW074207, AI709365, BF766647, AU158588, AI141675, BE152176, R96190, AI061313, BE092029, BE174036, AL040324, BF815578, BF944517, AV711535, BF589833, H98660, AI619634, BE047734, BG115446, AA483043, U73638, AL117380, AC007738, AL034420, AL133283, AL121902, AL109801, AL158830, AC010609, AL009177, AL121901, AC011473, AL031428, AC002524, AC011495, AL078581, AF130248, AL008726, AL133246, AF070718, AL163208, AC006515, AL158206, AC005833, AC007536, AC068799, Z98050, AC005277, AL024498, AC002544, AC009481, AL121964, AL080275, AL132639, AL031602, AC004655, AL109743, AL008710,

					<p>AP001728, U91326, AL161450, AL049712, AL133289, AC004972, AL049766, AC007546, AP002898, AC007428, AL139186, AJ133269, AL121655, AC000063, AC004806, AC004217, AC006111, AC007151, AC004518, AC010618, AC006994, AL160153, AC008011, U91322, AC006487, AC005217, AC011480, AC009134, Z98048, AC017047, Z83846, AL137839, AL022237, AC007055, AP000086, AL132659, AL121653, AC005696, AF243527, AC011200, AC006116, AC004019, AC004971, AC020663, AC006013, AL031577, AC011489, AC006006, AL032821, AC005412, AC004087, AL138836, AC009600, AC006023, AC006367, AF235097, AL355101, AC020934, AC012627, AC023105, AL034372, AL353667, AC009516, AC002455, AL132773, AC007686, AL157372, AC006353, AP000692, AC007666, AL391114, AJ289880, Z95114, AC005746, AC008101, AC011465, AC006317, AC008958, AL008721, AC008873, AL135749, AL353748, Z94801, AL354696, AL118506, D88268, AL096791, AL353194, AL356801, AP001671, AL035460, AC007238, AJ277557, AP000072, AP000113, AC008753, AL135924, AC005881, AC004890, AC005104, U52112, AL079338, AL031255, AL008630, AB000878, AL109921, AF152365, AC009948, AL033528, AP000745, AC005236, AL008715, AC004089, AL117330, AP001725, AL031656, AL049542, AL021398, AC002369, AL121895, AF205588, AP001694, AC006046, AC004867, AC020550, AP000514, AL139350, AC004983, AC008474, AL022313, AC008626, AC004000, AL022316, AC000353, AF225899, AB023048, AC022392, AJ246003, AP000511, AC006071, AC006539, AC004796, AL049760, AL121890, AC008443, AJ009616, AC005041, AL135901, AC004263, Z99916, U72787, AL138894, AC006965, Z94721, Z97054, AC023425, AL445567, AC003007, AF196969, AC020947, AL050321, AP001752, AC005244, AL049646, AC005513, AL050349, AC005098, AC000052, AL445248, AC006198, AC009001, and AL035415.</p>
HHFMP57	721	867925	1 - 2416	15 - 2430	<p>AU118345, AL527014, AL527058, AU118363, BE742611, BE742293, BE271215, BF970244, BE315413, BF340708, BF342502, BE612861, BG117374, BE515247, BE392474, BE561702, BE390695, BE391180, BE389238, AU118485, BE390366, AL040934, BF975756, AW953651, BG178468, BE389499, BE390873, BE395783, BE693958, BE559667, BE262612, BE269669, BE885417, BE512886, N78326, BE884486, AI354583, BF995149, AA102590, BE276977, BF314335, BE001605, BE963066, BE927049, BE552037, BE693959, BF755714, W72821, AA482202, BE390685, AI811104, AI923908, BE747439, AI955210, AI241672, AU144932, AW005356, AU144433, W72822, AA610244, N57854, AA776240, BF951835, AI869691, BE328437, BF035080, BG230654, BE465633, AI097401, AA136144, AA159091, BF772398, H28893, AU144948, AU145034, AW572297, AW029577, AA599002, AI913174, AW589507, BF038577, AA432194, AI912350, H90336, AW026450, AA676743, AI573143, N64095, BE514326, AW173719, AI439590, AI246619, AI126189, R72806, AA136030, BF949282,</p>

					W15338, AA632265, H27347, N62095, AW338014, BE350226, AW732278, AA082176, AW262961, H03195, AA046611, AA046519, N57753, AA359539, AW080405, AW342043, BF884225, BG056569, H45880, BF128922, AA977345, AA583776, AW170642, AA648676, N59720, AA678502, H24394, AA431174, AA809373, H62505, F33112, AW149167, BG015045, AI032839, N88118, AI245126, W04418, H03994, AA848077, AA910294, AW016492, AW965640, BE046154, R16997, AA350391, H28894, AI916065, R44633, AW956574, BF800906, AW062887, AA355730, AI203820, AA357099, AA344508, AW166715, AA286791, AI559841, AI873982, BF870405, AI423324, BF056205, AA854147, AI857537, AW581203, AW874219, AA598543, BE393762, BF870399, AI590119, AA724015, AI243914, N76000, H09529, AW021036, AW581204, BF337471, R44522, BF337296, AW271164, AK024469, AK001190, AL117455, AK001032, AK024387, AX026954, AK026767, AC004466, AF207749, AF239243, AF207748, and AF006602.
HELGD39	722	867938	1 - 1537	15 - 1551	AL530772, AL530771, BE792595, BE877347, BG030931, W56141, AV715011, N98792, N66589, AW079529, BF342140, D80121, D81911, AW243564, N98659, AF281037, AV723956, AV723552, AA917457, BE568485, AI805853, AI698508, N40175, AA382587, D80114, AI364248, U54720, F13480, T75157, AV750126, BG031735, BF327171, R58444, BG031897, and BG009932.
HMACX92	723	867995	1 - 1382	15 - 1396	BF056112, AI741818, AI953998, BE273896, BE222929, AA573827, BG169688, AI742027, BE789282, BF064129, AI344703, AI687918, AI738917, AW613258, AI241423, BE963955, BE619177, BF064050, AW058506, AI307806, BF183045, BF512051, AV727483, AV726722, C16636, AW293247, BF588555, AI913588, BE619737, AI524349, AA320459, AV697863, AI971693, BF183639, AA581056, and BG151432.
HMKCV39	724	868004	1 - 526	15 - 540	BE871616, BF345349, BF038771, BE782687, AA447459, AW663327, R80068, AA251458, AW967618, AI693283, BG149181, BF921924, AI739035, AW438908, AW452847, AI401755, AW384844, and AI435334.
HNT0E45	725	868031	1 - 606	15 - 620	AW979048, AV646953, AV647046, BF001543, AA829001, AA837772, BE078416, AW979049, BE004426, AA779444, BE003973, AI039278, BE909311, BF691763, BE276845, AC018646, AC008154, and AB041549.
HCUFV69	726	868130	1 - 345	15 - 359	H95185, AW190988, AW406123, AA448360, BF849922, BF727066, N39858, W77951, AA251049, AA427650, AI160246, AI934824, BF726563, AA889989, AA682768, AI191820, AW675024, AI310399, AW405782, AI023098, AA448217, AW296041, BF726305, BE047922, H63613, AW966978, BE278148, AA609970, R71336, AI198529, AI936151, W72753, AA626729, AI563995, AA394208, BE392063, AI472143, AV692514, AV692507, AW327412, BE394872, BE256182, BE278754, BE790812, BE255594, BE902202, BE732267, AL535281, BE900112, BE783401, BE732506, BE902343,

HMVCZ54	727	868140	1 - 1393	15 - 1407	BF795894, BE731869, BG027322, AI200278, AA150562, AW406119, AI150142, AI863174, T32301, AI223083, AA845380, AW025545, AI769092, AI700344, T20007, AW575589, AA397909, AF115345, and AR077164.
					AU118736, AW293360, AI434524, AI499675, BE888848, BF245032, BE871775, BE566947, N93884, N94583, AV749453, BE880103, W40376, AA045308, AA045414, T87913, BF372382, R02006, T87924, AW292609, T16957, R19146, R36561, H14428, H08949, AW962507, Z44239, AA329930, AW505256, AF125392, AC009303, AK021692, and AL080184.
HMSHI94	728	868172	1 - 742	15 - 756	BE394322, AA521310, BE729533, AV705577, W22173, AI687970, AW577768, AF093097, and AL139286.
HAPTE80	729	868238	1 - 1214	15 - 1228	AL537045, AL536834, BE879928, AU135328, BG033356, AW960438, AU135327, AA305278, AA131283, AL521228, AL526185, BE897307, AA223833, BE892304, BE092522, BF096165, BF096105, BF096153, BF347944, AA449125, AW500067, BF096068, T27291, BF382665, AA305730, R51476, AA380267, AV715181, BF096075, AK024325, and AL117573.
HSLJC72	730	868253	1 - 702	15 - 716	AA295856.
HWBCR21	731	868312	1 - 671	15 - 685	BE819467, AA723586, AA788738, AW296213, AW378236, AI823511, AW594593, AA341536, and BE819553.
HKAAU27	732	868368	1 - 1362	15 - 1376	BG164604, BG180396, AW959647, BF982584, BG032732, AU149097, BF975110, BF939657, AU148983, N52946, AI685016, AA451853, AI400616, BF572553, AI422792, BF149130, AA452053, F37309, AI187376, AI911398, AI122711, BE074240, BE164841, BE164845, AA918552, AI924579, AW602698, AW881997, BG028864, BF902665, AI470317, AA121637, AA299325, AA912424, AI888910, BE767422, BE164990, AW006694, T54223, BG112795, AU156585, C02302, BE880260, F27397, AA766056, AA436766, BE074233, AI631312, AW367900, AW367911, AW971740, AU131883, AW968355, AW972093, AW968356, AW968729, AW972091, AW972092, AW972090, AW969229, BF768873, AI431337, AI432644, AI623302, AI431351, AI431248, BF448552, AI432649, AI432651, BF589777, AI791349, AI431347, AI432653, AI431230, AI431328, AI432654, AI431354, AI432655, AI431310, AI431312, AI431330, AW081103, AI432647, AI432677, AI432661, AI432675, AI492519, BE672792, AI431243, AI432665, BE672742, BE672759, BE672719, AI432662, BE672767, AI431353, AI432672, AI431345, AI432674, AI431357, AW128846, AI432658, AW128900, AI431241, BE672745, AI431346, AI431255, AI431254, AI432676, AI432673, BE672748, BE672774, AI431340, BE672732, BE672738, AI432650, AI432664, BE672743, AI431307, AI431316, BE672749, BE672744, AW128897, AI431238, AI492510, AI492520, AI432643, AI432657, AI432666, AI431308, AI431247, AI431751, AI492509, AW129223, BE672644, AI431231, AI431257, BE672626, BE672625, AI431314, AK024273, AK022674, AF071317, AX030435,

HOSCJ09	733	868369	1 - 672	15 - 686	Y17793, AX030436, AR071207, and AF064854. H24422, BF033026, BE177684, BF129845, AA113426, H08076, H08074, F11232, T10353, F07606, A1858374, R24547, AI871770, BE674285, BE217736, AI216499, AW468398, and F27252.
HWBAE15	734	868370	1 - 1326	15 - 1340	BF129845, AI871770, BE674285, BF033026, BG163231, BE217736, BE177684, F11232, F07606, H08074, H08076, T10353, H24422, AV728696, AA113426, R24547, BE298765, BF809160, BF699082, T05617, F17537, BE153364, BE153393, BG251842, AC007191, AP000348, AL022312, U62317, AL137800, AL133245, AC073898, AP001609, Z97056, AP001610, AC007956, AC006349, AC025588, AC005696, AC004967, AL133551, AC016612, AC008521, AC006057, AL109952, AC069539, AL122001, AL353715, AC007546, AC005902, AL163285, AC005037, AC012519, AC005740, AL353777, AC005225, AF215937, AC007899, AC003665, AC006538, AF217796, AL133512, AC006032, AC020913, AC007731, AL355094, AC010203, AC005086, AB004907, AC008753, AJ009611, U91321, AF047825, AC005793, AC008543, AC005907, AL121712, AL121890, AL008719, AC005944, AP001725, AC068948, AC008536, U93305, AL353802, and AC006441.
HWAFN46	735	868440	1 - 588	15 - 602	AW501989, BF111126, BE141774, BE141517, BE544223, AK023817, AP002384, AP002384, AP001563, and AP001563.
HWAET91	736	868475	1 - 629	15 - 643	AA825353, T66878, AA897376, AA649011, AI393325, BE842821, AA682564, AA721355, AA721146, and AC002553.
HDPMO69	737	868484	1 - 1102	15 - 1116	AU138808, AV728468, AW969015, BE048846, AW510836, AW629173, AI652533, HI2665, AW269190, AA147148, BF431236, AI535668, BF218844, W95897, AA304566, R32911, BF209836, BF212248, AA729308, AV749742, AA147132, BF211489, BE085611, W95896, AU135009, BE501041, AA504164, AA059473, BE961019, M85685, AK002135, AC007321, and AK001834.
HELM41	738	868568	1 - 2417	15 - 2431	AL515170, BE900508, BF035260, BE782214, BE562114, BE891223, BE783151, BF979632, BF035270, BE546559, BF341478, AI916571, AA394306, AW958583, BF901404, W68578, BE908501, AW996502, AA112082, AA740704, AA398509, AA485137, AA503393, AI972521, AA171926, AI804548, AW473940, AI248638, AI554193, AA446833, AI024593, AA923417, AA436028, AA600001, AA524435, AA679078, AI245461, AI074076, BE175878, AA526133, AI654900, T78478, BE858346, AW968708, BF061908, AW972266, Z45100, T9172, T95309, AA630683, H79782, H73984, T36049, H58709, AI735742, Z40839, H72088, AW079174, AA043890, H73940, AI037293, BF994044, Z42965, BE547610, AA172115, AA355490, AA045424, T36102, AA355493, T90943, R30896, BF980274, AA706600, AI139588, H79816, F02443, AI049695, AA670203, AW972906, T79255, C15943, BG165380, BF903644, R83308, AA446832, AA045337, AW878052, Z43759, R83403, R60799, W68579, BF754181,

HEQCA95	739	868765	1 - 1213	15 - 1227	F03028, R60293, H79875, AK000078, AX048101, and AL390156. AU138666, AI766023, AW300606, BE898039, BG117350, AI800641, AI808094, AA457689, AW449733, AW449735, AA315507, U46320, AW779136, BG168133, AW468714, AV742145, AF150370, AU138203, AW452512, AU136379, BG251270, and AK002121.
HAGEG94	740	868792	1 - 1229	15 - 1243	AL525600, AW752022, BE566973, AW956032, AI419335, BE855710, AW956034, BG170308, BF690943, BE886479, BF245951, BF246873, BF516501, AL530600, AA488237, AL525552, R51690, BE763685, AA779057, AW754219, BE622742, BG054804, AA296478, AA370118, AA296248, AV749791, AW796061, AW796020, M96621, AW972529, H24149, BE622429, and AL137013.
HWAFX90	741	868808	1 - 986	15 - 1000	AL519643, AL519642, BE440008, AL519895, BG170723, BG025562, BG252431, BE784090, AL527780, BF972946, BF182781, BF028243, BF036389, BE253888, AV711565, AL527781, BE876001, AV734719, BF217992, BF701098, BF195663, BE380086, BG165235, BF697509, BE739243, BE883738, BE904995, AV721356, BF440019, BF440052, BG033941, BE894109, BF516510, AA312807, BF691779, BF666742, AI978624, BE728826, BE866570, BF726887, BE543360, BE739508, AI950951, BE961088, BE387517, BG255156, BE874970, BE280989, BF684507, AW055058, AA127810, AI423011, BF248231, AW953806, BF111041, AI983698, AI149371, AW079935, BE778879, BE463645, BE780848, BF972692, BF244338, BE788075, BE732828, AA639784, AI088520, AW055150, AA035465, BF971153, AI984009, AA974414, BF593734, AL519894, AW152458, BG105762, AW162019, BF667921, AA687553, BF681153, AW173349, AA740167, AA831991, AI354756, AI453530, BE675483, BE781977, BE390815, BE877161, AI719084, AI719711, AA305409, AA887421, AV759501, BF666828, BE736231, BF213309, BE563797, AW261898, AI631124, BF036674, BF033829, AW575396, BE779179, BF026407, AA643698, AW152523, AI342341, AI361959, AI336152, AI954927, AA837569, AI887169, AI142474, BE782483, BE964765, BF679234, AI953987, AA743522, W52852, AI359968, AI144474, AI609114, AA922338, BE513040, AA088249, BF243942, AI143580, AW051781, AA121482, AI127719, BE778881, AA120783, BF939832, AA719147, BG054734, AA455701, BF239121, AI493197, AI685961, BF941505, AI337879, AA830816, BE960859, AI087247, N89901, AA507014, BF725812, AI467977, AA832498, AW044054, H96478, AI040901, AA024762, AA326688, AA224326, BE300789, BF687644, W28003, AW151050, N25654, AA309712, AA654503, AV751872, AI291251, AA781298, AA045679, AA772431, AA865206, W80466, AA910216, AA229940, AI188805, N23533, AI680538, N30499, AA976499, BE620168, AA120782, BE276608, BE254564, AA181577, BG254402, AW239079, AA176232, W26915, BE741827, BG254889, AV723953, N34255, AW160399, AW304280, AA132426,

<p>AA648271, AI302349, AA974887, AA723429, BE834190, AW407963, N21267, N79707, H84952, AI680260, AW337755, N79791, AA505915, H70394, AA846240, AI190500, N34854, N89904, H74189, AA455649, AA938653, R57473, N33152, W60079, AA876647, AA223846, W31972, AA857060, AA214719, AA332809, AA836918, BF084806, N42142, R07414, AA505366, AA570008, AA574162, AI189939, W80575, W76420, AW407906, AI873685, AI573053, AI538660, AA329750, AV737407, R97376, AA299454, AI245848, AA230126, AA176320, AA372693, AW517926, BG113179, AW390100, AI362342, AW407596, AL024498, AF151028, AL358777, I48978, AF200464, AK026045, A65340, AF110640, AL117435, I89947, I48979, AK000323, AI389935, AI299431, A03736, AL162004, A08913, AB049892, AF091084, Y11254, A08910, A08909, AI122093, AF116631, AF017437, AF087943, AL117394, AL049300, AF130055, AJ000937, AF090903, AK025772, Y13653, AF119899, AK000445, AK026959, AK027213, AF242189, AB047904, AF130059, AK024538, AF113690, AL390139, AK026927, AF116691, AK026086, AL137254, AB052200, X63574, X72889, AB028451, A08907, AF113677, E05822, AL133080, AL049314, AF210052, AL137459, AF060866, AL117460, AF125949, I89931, AL050149, AL096744, U42766, AR087170, AL122050, A77033, A77035, AF090900, AL110225, AF146568, A08916, AF116682, AI2558, AL050277, AF111851, AF130075, AL117457, AF130110, AX019230, AK025410, S78214, A65341, AF111112, Y10655, AK024524, AK024588, AF097996, AF119875, AK025967, AK027082, X80340, AK027204, E07108, U87620, U66274, AR079011, AF130082, AR079012, U35846, AL137479, AF061943, AL050146, AB034701, AL137283, AJ238278, AX019229, AF057300, AF057299, X96540, X82434, AF116610, I33392, AK025339, AL080110, AK026741, AK000212, AF130105, A07647, AL359618, AL137550, AL355701, AR038854, AK026534, U49908, AK026583, X62580, Z82022, AX045627, M85164, AK025435, AL080234, AK025632, AF130077, AK025484, AL137521, AL162002, AK026542, AK027116, AF132205, AK026528, AK000137, AL137271, AF118092, AF119909, AL110296, AK025084, AL133557, AF130087, AK025254, AF177401, X83508, I68732, AX026824, AX026823, A58524, A58523, AF175983, AK026592, AK026629, AL122110, Y16645, A08908, AL359622, AL050024, AL133640, AK025119, AK026630, AF026124, AF151109, AL049452, AK025465, AK026526, AF104032, AF271350, AF130104, AL162083, AF113689, AL137557, AF113699, AF106827, AL353957, AL389982, AF080622, AK026950, AL133075, AL049466, AL133016, A08912, AL050108, AL157482, A76335, AK000486, AK026608, AL137538, AL080118, AF113019, AF130066, AK024992, AB048953, AR000496, AF119865, AL049382, U39656, E02349, AL050172, AK000083, AK026784, AF119860, AF153205, AB051158, AF116602, AX020124, AL050116, AF125948, Y07905, X65873, AJ006417, X53777 A58545 AK026600 AI133560 AF069506 AF119871 AF217987 AI242850</p>	
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HHFGM33	742	868870	1 - 1222	15 - 1236	<p>AF260566, AB052191, AL050393, L04504, AF113013, X61970, AL080124, AK026865, A18777, AK000614, AF090934, AK027096, X66871, AL049283, AK026480, AF118070, AF119878, Y10936, R07113, AA657765, N55991, W27692, and AA095018.</p> <p>AL529082, BE731516, BE909961, BE898664, BE279073, BE279785, BF668722, BE894320, BE278536, BF244781, BF027181, BF701003, BE392213, BE727230, BE568580, AW373723, BF792763, H81859, BE244264, BG104528, BF668501, BE147718, H90784, W52746, AW969137, BG261359, AA505108, AA129132, BE936240, BF920612, A1741911, BF902714, BE562634, BF897915, AF148713, AC004893, AL121890, Z78022, AC018719, AL354720, Z85987, AL133344, AC006330, AL159977, AL121903, AC007685, AP001725, AL122010, AC007201, AL137162, AC005736, AP000691, AC004753, AC009470, AL133163, AF001549, AL162742, AC005222, AL050307, AL161936, and AL117352.</p>
HTEQK83	743	868928	1 - 1147	15 - 1161	<p>BF314692, BG168000, AL526398, BE882561, BE274311, BE256747, AV706890, AV714212, BF184919, BG033184, AV710849, AV711299, BE744054, BG026452, BE263146, BE901483, BE395509, AV729227, AV703060, BF184921, BE873419, BE300041, BE797162, BF793607, BF205067, BE299748, BF979365, BE741391, AW411242, BE798386, AW732355, BE298381, BE874878, BG167463, AV702882, BE743248, BF338865, BE900593, BF312111, BE879936, BE019478, BE019582, BF214422, AV761917, BE250013, BF977274, BF692504, AW410757, BE738991, AV705448, BF206919, AV729377, BF311171, AV713872, AW732592, BF979547, BF203314, BF664876, BF304324, BE273055, BF382130, BF686806, BE622069, BE735905, BE780766, BF203650, AA206647, AV725124, BG260744, AA399320, BF183197, BE300151, BE544326, BF686322, AL547302, BG171603, BE256192, AV708802, BF691137, BF237753, AV711178, BF674867, AL039105, BF680148, BE732414, BF311434, BF679450, BE311411, BF106427, BE293606, BE812332, BF105082, BE812322, BE207590, AV751860, AV712080, BF667711, BF671336, BE304857, BF106230, BG249490, BG105139, BE313176, BE872120, BE272352, BE263530, BE261507, BF700537, BE262277, AL533538, AI908145, BE259759, BE314894, AW956187, BG248799, BG036583, AV723237, BE736928, AA121281, BE616007, BE378338, BF692699, AW952981, BF700891, BE531040, BF383142, AW583199, BF725953, BE019519, BF685977, BF675318, BE207583, AV763995, BE899308, BE263230, BF304301, BE253983, BG121826, BE732461, BF698766, AV703358, BE394536, AW935221, BF671053, BF219801, BE931905, AI750601, BF310727, BE812328, BF695636, BF700635, BF303816, BE270150, BE812386, AW966411, BF213101, BE512851, BF308955, BE812361, BF665347, BF977857, AI815872, BE531261, BF683092, AA314228, BE882480, AV758303, BE812254, BE615056, BF694069, AW393740, BF932221, BF666891, AV736809, BE392456,</p>

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HULFK26	744	868929	1 - 1445	15 - 1459	AL526398, AL520448, BE798386, BG168000, AL520449, AI761733, BE300041, BE797162, BE274311, AV714212, BE263146, AI205262, BE256747, AV761917, AV729227, BE743248, BE299748, BE744054, AW411243, BE739768, AL518545, BF686322, BE299455, BF793607, BF312111, BE616007, AW411242, BE901483, BE735905, BE300351, BF237753, BG033184, BE300151, BE741391, AV725124, BG171603, BF314692, BG260744, AI816027, BE293401, AV763995, BG026452, AI345970, AV713872, AI796658, BF686806, BE879936, BE613254, AV703774, BE383010, AI027545, AW264183, BF338865, BE882561, BE531040, BE250013, BF205067, BF979365, BE253983, BG167463, AA634102, AL526586, AA886430, BE868019, BF691137, AI922211, BE544326, BE732414, BF970440, AI986118, BE615056, BE780766, BE263530, AI547302, BF037134, AI687320, AW519081, AI951618, AV734330, BE300223, BF183197, BE273055, BF680148, BG167042, BF340686, BF979919, BE900593, BG036583, BE873419, BE622069, AV703060, BE019478, BE784936, BG248799, AW129733, BF311171, AV706890, BG105139, AV708802, BF977274, AA528020, BF692504, BE874878, AV705448, BF311434, BE207590, BF206919, BE899494, BE256192, AV711299, BF674867, AW935221, BE882480, BF664876, AW410758, BF203650, BE019519, BE272352, BF683092, BE899308, BF303816, AW410757, BE299639, AW190116, BE395509, BF203314, BE392456, AV702221, AV711178, AW732355, BG104919, BE207583, BE872120, BF310727, BF304324, BE261507, BE293606, AA609994, BF214422, AA399320, BF213101, BF979547, BF316198, AV751860, AV710849, BF184921, BE262277, BF671336, AW410173, AW410633, BF685977, BE531261, BF700891, BF692699, BE298381, BF980170, BF313176, BF219801, BF184919, AA430284, BE396053, BE164388, BE736928, BF700537, AV703358, BF106230, BE512851, BG249490, BF975889, BE019582, AA165559, BE314894, AI742313, BE270150, AW393740, BE812386, AI922847, AI720170, AW732592, BE349149, AI924169, BF679450,

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HSBBS15	745	869055	1 - 1609	15 - 1623	<p>AL523124, AL524249, AL521083, AL533350, AL533663, AL527305, AL523125, AL524248, AL521962, BE798645, AL533388, BG251430, BF688841, AL527475, BE617576, BE378920, BF204198, BE613255, AW411240, BE731085, BE791521, AW953445, BF568937, BG250732, BE877417, BE260488, AL120204, BE299829, BF570271, BG254821, BE778020, AW994047, AI120205, BG250088, BF569408, BF688362, BF973295, BF973696, BF973329, BF793976, BE742386, BE387658, AL536490, BE893071, BE788649, AL528592, BF035737, BE396268, BE313053, BE279532, BE620511, BF689583, BE617062, AW896073, BE737444, BF914567,</p>

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HS2IL80	746	869056	1 - 589	15 - 603	BF688362, BE299829, BE313053, BF985492, BF569408, BE791521, BF973295, BE737444, BF973329, AW953445, AW956870, AL524249, AW896073, BF204198, BE612804, BG251430, AW403669, BE788649, BE617062, BG250732, AW607654, BE836221, AL523125, BE378920, BE620511, T08443, AA461412, BF839704, BE745610, W31266, BE778020, BF763511, AL533350, AL120204, R98124, AW390286, R87889, BF035737, BF959394, AL135544, BE731085, BF935171, H56252, AW994047, AL524248, AA133042, AA130797, AA303806, BF305720, D55812, AL533388,

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HUSZB06	747	869057	1 - 1066	15 - 1080	AL536589, AL535106, BG115055, BE906891, BE906503, BE379550, BF346674, AL528592, AL521963, AL535451, AL521084, BE901021, AL533206, BE891675, BF182949, AL522670, BE791682, AL527097, BF982052, BF347076, BG035331, BE780791, BE385628, BF970413, BE737462, BF686528, BE884989, BE389700, BE386485, BE790670, BE390180, BE388422, BE797693, BF347446, AL533388, BE890212, BE298811, BF568099, BG026669, AL536490, BF035350, BE389156, BE272650, BE544039, BE868244, BE315275, BF339003, AW410248, AL523125, BE294467, BE294064, AU126624, BE789843, AW402690, AA447347, BE396268, T08078, T35640, BE262939, BE260488, BE731085, BG178245, BE279532, BF317044, BE742386, BF529863, AA324356, BE257953, T35634, T35560, T35607, T35803, T34460, T35580, T35645, T35561, Z42226, T35564, T35562, T34266, BG001368, BF765773, AA853527, BF204198, BF808207, BE813627, AL533664, BF986410, AA319835, BE162527, BF205431, BE791521, BG001371, BE313053, AL524249, BG250732, BE788649, BE394960, AW896073, BF305720, BE299829, BF964045, BE171496, BF839704, BE836221, AW882314, AW948539, BE798645, BE843323, BF973295, AA493816, BE617062, BF839955, AA130797, BF973329, AW277076, AA367789, AF192559, AF176006, AK022783, AF189289, AF176007, AF192558, AF151822, and AB040292.
HUCNM83	748	869060	1 - 781	15 - 795	AA779727, BG057680, AI924139, AA969233, AA494558, AI422731, AI142954, AW628849, BE468071, AI161089, AI167233, BF223235, AI681576, AI090172, AA832347, W94484, BF223486, AI695943, BE674636, AA476621, BF477815, AW368643, AA937792, AI638530, AW195100, BF342018, AA375767, AI383418, AA455748, AI702870, W47065, BE708533, AA375842, AA249694, AA039630, AI253606, C20777, BE299812, N69991, AI383656, AA449149, BE076467, AL049415,

HUCNW4 7	749	869091	1 - 462	15 - 476	A61271, D50410, and A61272, BF530011, BE782627, BF207216, AW068570, BE260758, AA252638, BE293073, BE781053, BG258855, BF528620, BG167020, BE793723, BE548064, BF510254, AW293303, BE904628, BF510253, BE900278, BE901809, AI751982, AW247361, BE261852, AF285631, AF224721, and AF295102.
HEMG142	750	869128	1 - 673	15 - 687	BE887724, AU151411, BE671707, AA299466, BG260801, H50648, AI473819, AI268973, AW083008, AW511853, AW044568, AI066726, AU154867, AA492456, W58205, BF889232, F17079, BF002089, AA919151, AA600292, BG163914, AA767229, AA694587, C20945, AA663270, T67407, D12014, AI868238, BG107875, BF738382, BE621868, AW958229, BE962034, AU157747, AK023005, AX002999, AK001777, and AX002997.
HUSYN11	751	869192	1 - 5127	15 - 5141	AU135474, AU135750, AI908403, AI675872, AV694182, AI908399, BE878645, BE280585, AW978153, AU132961, BG034303, AV714437, BF528893, AW607520, BG033669, BG248915, AI804463, BG034179, BF448642, AW182870, AA404309, AV728551, BE872880, AW373516, AW504478, BE894168, AA676790, BF674864, N32577, N32803, BF752660, AW005424, W87853, AI038081, BG231688, AA404673, AV681660, BG236306, AA478157, AW978733, BF593633, AW367495, AW469773, AU151555, AA478158, AI334288, AA776795, N21012, AI740920, AA596078, AA514413, BE541833, AI203592, AI863025, AU138785, AI094116, N54977, AI961208, AA037312, AA306403, AI351376, BF440035, N20607, AI275548, BF434376, AA280706, AI089377, AA878564, AV712450, AW205723, AW391127, AA721084, AW205251, AW391220, N30775, BE165784, AI034410, N76309, AW166981, AA441970, AI890470, AA815121, AI823712, AI418160, AI123770, AI570590, AA722447, AV728070, AI524309, AI148454, AI222245, AA494500, AA687433, BF819182, AI625371, AW510724, AI826875, AA832312, AI568800, AI148591, BG163445, AI052074, AI095791, AA262028, N68202, W90305, H98626, AA133659, BE904783, AW170342, AI926551, H15451, AI984549, AW131409, AI220222, AA281109, AI038118, AI499297, AI141630, W87683, AI634194, AA418887, AW089998, AI364477, BG059803, R71346, AI033612, AV728072, BE222263, W05504, AI472099, AI133660, AA281206, AW629361, R13704, AA479846, AI127057, AW139299, AA044039, AI347234, AV714503, AA252565, AI266272, AA932329, N68289, AW450392, AA043986, AA628282, AA687489, BF912029, AA287753, AI523115, AI589746, AA948045, BE896310, AA281605, N40207, AA545796, AA826530, W60297, H04073, AI266054, AA742688, AW874035, AI222661, AV660605, W90615, N70622, AA441971, W68541, AA863241, AI024654, R66965, R43940, W60388, BE164759, N68275, AA974135, AA010095, N80986, AA321165, AI128449, AW408660, N75116, AA255740, AI184331, AA025466, AA418888, AU129441, AA810069, H69110, AA001310, R81340, AA431370,

HTADJ34	752	869206	1 - 608	15 - 622	<p>AA419219, AA343934, H15510, AW391079, R78092, AA225112, AA456495, R81593, AA854798, AA419218, AI191834, AV687856, BE178949, AW383212, R79072, AA767404, BE178983, AA432367, AA255539, BE178984, W68542, AA680159, BE178982, AI218857, BE843882, T93908, BE178939, AW166628, AA203443, AW888773, BE463605, T19448, R20323, BE178991, AL120413, AI468727, AW102705, AI686071, BE178951, BE178945, AI140561, H03380, BE178957, R78764, AI026995, AA384514, AA360747, AW772705, AA846384, T85968, BE178958, AI267795, BE178981, AA001680, RI8351, AI955431, AB007963, AK001487, Z60576, I89947, AF061981, T98259, T98314, R18829, R25009, R27791, R27882, R34847, R34944, R44330, R45018, R44330, R45018, R66966, R71347, H38646, H78012, H78011, H97888, N27388, N80662, N80970, AA001638, AA010196, AA013465, AA225113, AA281595, AA476304, AA479723, AA676318, AA781047, AA781651, AA781656, Z19366, Z28481, and T25723.</p> <p>BG032936, AL529660, BF309824, AL533175, BF663962, BE906705, AL528013, BE905601, BE314426, BE910075, BG120898, AI133427, BF726607, BE548803, BF976430, BE735736, AL529659, BG111586, AL533335, BE255716, BF971439, AA350360, AI372759, BF314488, BG032361, BG115873, BE394389, BF343597, BE778654, R88070, R18809, AI669449, AW407842, BF871214, BF573284, T85919, BE837574, W23910, BF932320, BF871342, R60434, AA223799, AW578878, AI452722, AW973135, AA536032, BF922099, AA328758, W24575, Z42333, AA535292, BF572704, AW973158, AW581672, W42907, BF237786, W05329, AW853389, BF914316, AA332091, AA333563, AA083263, BF093554, AV685016, AI810976, BF924630, BF848898, AW952572, AL134735, T31859, AW748084, AW175970, AC005041, U40825, U79457, AX017996, AX017855, and AF001797.</p>
HTXPR30	753	869227	1 - 3748	15 - 3762	<p>AL523234, BE277614, BF792792, BE798588, BE743378, BG259716, BE740523, BE742964, BE560252, BF968359, BF309750, BG026957, BG167005, BE792174, BE791176, BE547066, BG106897, BE733679, BE548489, BG034120, BF970500, BG034687, BG117402, BF984560, BE386797, BG118211, BF529579, BG165484, BE900222, BE397335, BG105090, BF688488, BE267056, BF689297, BE561533, BF984177, BE560962, BG250210, AV714529, BF347175, BE312641, BF027475, AV701666, BF027171, BF313470, AW245768, BE398145, AV722641, AW958030, BE513638, BE274303, BG251365, BF203901, BE884204, AL523233, BE396391, BE264673, BE867414, AW362755, BE313905, BE269480, BF204923, AL119378, BE268114, BF732341, BF304528, BE268792, BE544024, BE409799, BE384796, AA045263, BE268028, BE268746, BE543859, BE878886, BE514134, AV707123, BE269548, AA045271, BF125631, AL045496, BG167068, BE270036, BE566923, BE312362, AL045495, BE259992, AA903403, BE266793, BF197223, BE019096,</p>

BG167282, BF214545, AI339454, AW029527, BE205856, AW250913, AA164451, AA865277, BE300753, AI908108, BE297632, BF589059, AL119503, AI191930, AA182411, AW316673, BF125480, AI921045, AW778845, AI829022, BE379071, AA164450, AW299297, BE300927, AW614753, AI610883, BE513463, BF365731, AI445051, BF035636, BE782290, BF109667, AI130635, AW952030, AA918812, AI908451, AA126324, AA678957, BE294061, AA332552, AW245410, AA612932, AA492416, AW627774, BF109098, AI886004, N98338, AI191764, AW662860, AA130738, AV646219, AA588196, W40181, W45103, W47354, AI904557, AA970030, W22446, AA721026, AA480644, AA581717, AI301032, N67032, AI582542, AA055331, AA055928, AA134781, W39747, AA960076, BF085160, W27134, AL119343, AA729341, BF919623, AL041072, AW450039, AA121694, T09284, AW406890, AA121748, AW837758, N52493, AI001861, BF088805, T69950, AI282693, AW243796, R15183, AA926791, AW376932, AA169393, F24695, AA628284, AA381549, BE261592, AA779147, BE264749, N74736, H22082, AV688220, AW364710, BF767634, AA303910, AA381375, AW207693, AA767007, R41634, AA379254, H22010, H14748, BE046329, AV693994, AA354765, AW250152, AA332426, H99911, BF379382, BE935311, AW191912, AA514580, BE935477, BE935480, BE935354, AI205733, AW793226, R23631, AA508005, AA379307, BF884575, AA338000, R51283, BE935387, AA333114, BE503420, AA780703, T98953, AI824525, AI270434, BE843833, BE935543, BE935522, W47355, BF767637, T69902, AW631090, BE938459, AA768656, BE297864, AA984502, AA296844, BE935544, BE935506, N51671, BE843828, T99004, AA297762, AA251977, AA570274, AK025085, AC005343, AL031005, AC006115, L05367, AL034376, AC006255, AL133445, AL049540, AF289077, AL079342, AC006530, Z49258, AC003663, AC009024, AC007529, AC006139, Z72001, AL080314, AL365335, AB041731, AL138805, AC011475, AC022079, AL136137, AL157433, AC002394, AP001054, Z93015, AC004526, AF130103, AC007383, AC005540, AC011451, AL078581, AL049538, AC008392, AL354861, AC024082, AC004790, AC005837, AC005968, AP001207, U85195, AC007386, AL355497, AL121916, AC006597, X69951, AC005091, AC004383, AC004231, AE000658, AL050318, AC009229, AC020552, AL354857, AC005015, AC004971, AC087225, AC005221, AC005080, AC003010, AC005476, AL078591, AC006270, AF254983, AL139099, AC005940, AF043945, AF091512, AC005225, AP001695, AC007537, AC007597, Z97054, AL136312, AC002326, AL138478, AF243527, AL163201, AC005695, AC004878, AC009086, AC005288, AP000030, AP000133, AP000211, AL133517, AL121774, AL110502, AC006117, AL022345, Z83843, AC005048, AL096840, AL157688, AC007425, AF205588, AL136969, AC019171, AC005911, AL008729, AC007358, AL078644, AL162584, AL021154, AC005291, AC007405, AL031120, AL049795, AL109839,				
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						AC005993, AL022165, AL049576, AC006487, AL163284, AF003626, AC000052, AL121952, AC005156, AC006483, AC005052, AC005519, AC007055, AC004560, AC008774, AL133519, AC005599, AC007686, AC023600, AL031003, AL049761, AL161670, AL135744, Z98886, Z84484, AC004491, AC004019, AL391833, AL109919, AP000503, AF134726, AF222686, AC006197, AC005632, AL022237, AC006329, AL354776, AL096703, AL353748, AL117354, AC013734, AL357497, AC006285, Z99495, AC004858, AP001711, AC002299, N50400, W45213, AA181602, AA226937, AA251662, AA587247, AA603938, AA568645, AA627494, AA736587, AA971204, W26655, AL039526, and D45719.
HAHDP69	754	869268	1 - 2441	15 - 2455		AU125824, BE731974, AU130807, AU142207, BF131944, BF038261, BE727451, BG252711, BF219934, BE799896, BF309959, BG026489, BE297454, BG033811, BE254272, BE382641, BG031312, BE261741, BG025009, BE794649, BF981584, BE267372, AU138339, BG117645, BE621374, BG252434, BE271823, BG167058, BG118251, BF316661, AW373886, BE266228, AU126282, BE257359, BE538081, BE734266, BF306299, BF128014, BE295721, BF982936, BF982333, BE278482, AW176998, BF127515, BE264504, AW352293, AV738443, BF998212, AW247257, AV740960, AI343362, BE268485, AW250672, AW732418, AA083016, AA401799, BE255644, BF796849, BE709909, BE263521, BF958026, BE544266, AW245808, BE266850, BG250411, BF571087, BE258721, AA429221, BE537465, BE092146, BE315473, BE273645, BE089857, BE179058, BE622303, AA130791, AA305971, BE089904, AW402350, BG121978, BG116138, BE265004, AW296237, AV734399, AV735149, AA158611, BF876411, BF206198, BE261081, AV750274, W52606, BG025523, BE694915, AW835899, BE790738, AW835904, AW936722, BE280267, AW385544, BF304422, AW936693, AW835898, F01154, AW835901, BF948346, AW385551, AW936807, BF819980, BF948436, BF821277, H09492, D52582, W17160, AA331459, W22325, BF934936, H63452, AW385546, AA309755, AL042085, AI832120, AA378611, BE736916, AW936694, BF876478, AA135074, N64094, R19130, AA115830, AW835893, AA354633, BG177379, AA456218, AW380838, AW835881, AA010498, AW803935, AW833878, BE774072, BE019884, BF885497, AA176843, BE774065, AW936716, BE696918, BE926320, BE926326, BG121709, BE774059, BF923849, BE774037, AL041707, BE696832, AA114056, AW799523, AW603524, BE937638, BE816524, BE728773, BE774040, AL902359, AW406741, BE070056, AW500598, AA114057, AA629928, BE774036, AW385540, AA130706, BF948379, BF948380, BF948277, AA007392, BF948384, AA631260, BE774039, AV714935, AV718134, AA158612, AL522965, BE251068, BE693350, R59118, BF948344, D87686, AJ001443, AK001297, D13642, and AL110251.
HTXBF16	755	869270	1 - 636	15 - 650		AL035406.

HTXLG13	756	869344	1 - 1567	15 - 1581	BE937819, AA215796, BE223072, BF793123, AU153440, BE840509, AW778983, AI817574, AA706902, AI497635, AA701915, AU153529, AW296768, BE840626, AA164945, AI887578, AU151336, AW148945, AW375027, AA732352, AA192653, AA948678, AA405773, BF091232, AW081725, AA292731, AA215633, AA447225, AA292078, AW173636, AW440594, AI199935, AI684146, AA292115, AW173732, AA293169, BF823630, AI362925, AA292159, BE930920, AU150023, BE670561, AU147034, AI023706, AA292059, AA814228, AU151502, BE222802, AI038756, H57926, BE044117, AA405754, AA070704, BF934811, AA070913, AI493651, R47279, AI214205, T83843, AW439718, R74544, AW511428, AI436258, AI282932, AW473874, AA999905, AI040960, AA872724, AI023396, AW009887, R74543, AA398325, BF091229, R74500, H28937, H30687, AA733036, BE243381, R74501, AI219036, AA349389, AA877383, R74530, AV746982, AI027649, AA293884, T17337, H21545, AW340820, AA862889, C00925, BF091286, R74529, BE841272, H21544, AI247646, AI805018, BE840634, N79235, R86065, BF091248, AA831087, W03752, AI351390, BF849769, AI955038, BE937788, AW297184, R86195, AI042487, BF091255, AI254738, AW082471, AW575489, AI691154, AA745128, H06327, AW602370, AW602425, BF929233, BE719041, R90819, AI886235, BE819242, BF766555, F21352, AW883808, BF091289, AK022564, AK023200, AK024603, and AI135818.
HEOMD27	757	869349	1 - 1700	15 - 1714	AI120221, AU143329, BG177354, AW957073, AA929046, BE676233, BG251753, BF771339, AU154751, AU148393, BF593701, AI041117, AA447828, AW027408, AW593254, AU160692, AI827377, BE675177, AI095620, AU160434, AU153966, BF108426, AA812962, AA947740, AW024862, AI094081, BF969329, AW276606, BF771337, AI246685, AI374810, BF911523, AI381973, AI348653, AI339534, AA224314, R64026, BF771340, BF907066, BE963927, AI824989, BF830502, R59084, BF907369, N94582, AA837844, R50098, H20695, AI913744, H60970, BE619603, BF907063, R59085, AI085257, H20694, AI907559, BE773568, AA224209, R76292, H18604, R50099, H00524, AA676578, T89733, AI581321, H18603, AW014667, R43106, AA343706, BE811440, AA369223, BE773536, H00470, BE140194, AA888554, AI493568, AW806478, AA375338, AA295353, AW001701, BE467327, BE811436, AW751063, T89639, AA678432, BE673744, H05456, AW939219, AW062313, D29431, T89831, R17855, AI352410, AW505495, AI796304, T89913, W30873, BF510598, W85831, AW613969, AW134600, BE140246, T98428, AI311385, AI866382, AI493988, AI863636, AI424247, AI674557, AI609519, AI247954, AI341213, AA749373, AW407652, BE551706, AW274877, AU149169, BE464887, AW49425, BF916345, AI682370, BF980268, BF690328, AW939325, AA953251, F30710, D20992, BE935077, BE164547, AK025933, AX048080, AK024061, and AB014592.
HTXHA69	758	869387	1 - 394	15 - 408	AB040900, and AC023790.

HFTCV95	759	869639	1 - 1900	15 - 1914	<p>BF690125, BF529580, BF027085, BE742068, BE871017, BE409727, AW978455, BF337859, BE732859, BE910165, BE292923, AW958287, BF689895, BE746295, BE278963, A1479722, AW965937, A1523073, A1707816, AA864466, A1391489, BF975253, AA393872, AW005319, A1742716, A1310144, A1378194, AV650800, R77016, AV650218, AW057821, AA150070, AW002940, AW085680, AA393871, W47099, AA730622, R05506, BE958347, W47223, AA426572, AA449214, A1635750, W04693, A1269594, AA149962, AA962664, BF799538, AA372202, BF701263, A1609046, AA449215, AA310756, AA830449, R05612, AA005142, AW801034, BF934853, BE672910, R52299, AA361396, R47992, A1587091, AA463768, BF247445, AA425098, R48107, H42297, BE772021, H19930, A1469567, BF129114, AW197986, A1269611, A1912860, T16035, AA135676, A1074941, AA463715, AK025830, AF151821, AC004236, and AB015724.</p>
HTEHC92	760	869786	1 - 2617	15 - 2631	<p>BF341928, BF341966, BE873145, AW961717, A1910855, A1819835, AA781124, AW305005, BG121749, A1857662, A1024636, BG122356, A1916781, A1970596, A1863009, BE672071, AV722622, AW293479, A1049685, A121112, AW341408, A1122833, AA969846, A1039333, A1990539, AW817588, A1651123, AW193556, A1498086, BF834700, R26882, H79471, AA219158, R91091, H17608, A1039445, R91092, R31387, R23518, AW803046, BF109077, A1142857, R10037, R32884, AA347569, BF834534, M85476, AW274689, BF475648, AW772243, AW663642, R27113, AW104356, AA725854, AW590613, AW511169, AW002471, BE251884, AA935275, A1636784, BF361654, AA219015, A1066606, AW086470, BE251491, A1016503, BE255463, AW294439, A1204388, BE699305, R44650, AA993995, AW950531, AW949530, AW961373, AW959982, AV706136, AV704490, AV704611, AV729316, AW966684, AW967372, AV728199, AW960406, AV702110, AW958225, AW959275, AV727047, AW963866, AW962367, AV703591, AW952176, AW951793, AW963463, AW954413, AW957517, AV653846, AW963234, AW955139, AV726572, AW955904, Z40219, AW963895, AV706991, AV701876, AW960271, AV703187, AW963644, AW957428, AW960611, AV708035, AV702814, AV705803, AV702402, AV653872, AV707705, AV728289, AW955629, AW964203, AV692197, AW952184, AV726742, AV725930, AV727637, AV705607, AW965869, AV706758, AW963641, AW950143, AW950018, AW951740, AW950874, AV726755, AW960606, AV649120, AW951182, AV702146, AV704029, AV728929, AV729285, AW963804, AW954000, AW964040, AW963616, AV694684, AW953809, AV652026, AV702738, AW950520, AV707067, AW949712, AV692939, AV687015, AW953797, AW964036, T17285, AV649566, AW955683, AW953788, AV658162, AV698347, AV709775, AV707451, AV705282, AV707238, AW960468, AW966167, AW962713, AV706910, AW962389, AW962394, AW950217, AV729272, AW957653, AV708847, AW949521, AW961234,</p>

						<p>AW950683, AV727618, AV727782, AW958106, AW958109, AV708091, AV707949, AV706992, AV708850, AW952346, AW967188, AV655793, AV648623, AV704740, AV649112, AV701613, AV727101, AV705020, AV701844, AV707686, AV703465, AV659189, AV729411, AW952228, AW965033, AV646022, AW954697, AW963405, AW951998, AV708590, AV707786, AW950608, AW951773, AV650367, AV707917, AV653285, AV707722, AV725027, AV704124, AW950078, AW950079, AW949946, AL121832, A62298, A62300, AX047063, AR050070, Z30183, AX009343, AX009341, AX009337, AX009335, AX009345, AX009342, AX009344, AX009340, AX009339, AX009336, AX009338, AX009334, AX047062, AX047064, A82595, A82593, U94592, U45328, AR025466, and AX046743.</p>
HTFOL05	761	869816	1 - 2249	15 - 2263		<p>AV727049, BF056023, AW516797, AU144270, AI673781, BF675450, AW958794, AA191718, AW001066, AI452758, AI889138, BE903965, AI439094, AI808481, AL079724, AI928350, BF571394, BE879403, AA253270, AA603507, W16714, BE463648, AI365498, AW026764, BG105355, AA570079, AI139312, AA961501, AA243104, AI084041, BE904011, BE819271, AA190360, AA180335, AA774689, BG109358, AW268592, AI697360, BF982538, R98554, AA179759, F06413, AA835693, AW236033, AI221750, N52047, AW183871, BF085199, BF085214, BF085204, AW866577, AA173396, BE765170, BF085200, H10017, AW004838, N95170, BE929608, AA749153, BF085211, BF085202, Z38897, BE929580, AA311801, AU117440, BF997451, AW393159, AA383798, AA173395, BE929612, T31821, T93325, AW393161, N79516, AW452727, BE939680, D20286, R69357, T94003, AA253142, W21556, AW961655, AA180477, AA179724, R98555, T25730, AV702798, AI888433, BE935911, AA323129, BE929588, AB033061, AF259792, and AK000921.</p>
HIPDV70	762	869874	1 - 777	15 - 791		BF900391.
HL YGH73	763	869917	1 - 1048	15 - 1062		<p>AW380333, AW962090, BF901077, BE149705, BF925182, BF925897, AA309454, BE149733, AA354389, AA310427, BF902114, BF925835, AV761537, BF379083, BF892477, BF925889, BF894249, BF925908, AA280188, AW834825, AW378128, H55711, H55275, AW968901, AA488785, H55713, AI540087, BF515947, H55730, H55366, BF892473, AL355092, AF237772, AL031595, and Z59132.</p>
HCE3E13	764	869962	1 - 675	15 - 689		<p>BE256960, BF689843, BE251008, BF971970, BF954615, AC004211, AB023048, AP000511, AK000511, AC005937, and AK025618.</p>
HRAAH37	765	869969	1 - 591	15 - 605		AW406551.
HTOFB26	766	869981	1 - 937	15 - 951		<p>BG033026, BE002788, BE002871, Z17411, AW751538, BE300404, AW374761, AL525326, AV654704, BE888159, BF333628, BE768267, BE904714, AV727782, AW029444, BF510595, AC018639, AC025594, AJ133769, AF145029, Z82244, AL162615, AC010203, Z92546, AC007269, AF027390, AL356354, AL109823, and AP000353.</p>

HIMELR15	767	870005	1 - 2371	15 - 2385	AU125247, AU124729, BE796288, AU132990, BF307757, AU132120, BE731268, BF308625, BE779901, BE876716, BE904800, BE867838, BE734018, BE746159, BF568314, BG251630, BE890824, BE278108, BE621085, BE278622, BE295541, BE880191, BG250801, BG026638, BF317045, AW499914, BE884151, BF203603, BE279091, BE778966, AW409898, BG110739, BG249759, BE543483, AI819360, BE262059, BF934326, BE018065, BE019944, BF881187, AI743193, BF880136, BF973429, AI806720, BF800138, AW956011, BF838985, AA626610, AA043392, BF894489, AW804704, BE540252, BE544086, AA219394, AV703354, R72848, AW117312, BF816927, AA310746, BF835461, BF841065, AA099977, AA889684, BE720495, AV722701, BE720392, BE720379, BF931389, BF754176, BE883815, AA088522, R73312, BE933618, BE720483, H42783, AV687183, BE933622, W67985, BE720435, AI424278, AI952783, BF569329, AW401477, BE793891, AW751735, AI818791, W19612, AA182720, AA298507, AA909553, BF850467, AA376046, BF512499, BF569336, BF989403, AA331241, AA352279, AV653999, BE259778, AA337446, AA775865, AA297638, AW892623, AA338011, BE693901, AW409899, BE076659, AA282827, BE076660, AI91639, AA333259, W67997, BE965383, AA532370, BE621685, AI147862, BE076661, AV700970, AI354434, BF085023, BE074087, AU148528, AI161124, AA338006, BE158046, N90025, BF568306, AW975083, AA602476, BF880304, BF874370, AW379605, BE504743, BF109406, BE545793, BF919069, H70178, BG011223, AA806913, AW796724, AA172222, AI367063, BE152541, BE301471, AA031626, AI970697, BF990795, AI049515, AW512202, AA172024, AI826997, AW362620, AA099837, H41426, AI365592, AW366675, BE698674, AW609249, BF842231, AI225244, AK001264, AB033018, AX013139, AF161391, AX013149, and AX013140.
HTDAF92	768	870067	1 - 1147	15 - 1161	AU127191, BF979929, AW955120, AU134757, BF345787, AL517570, BG025008, AL521321, BE620538, AA312035, AA911739, BE735484, AL519144, AI791644, AI792322, R13983, BE260978, BG253245, BF316463, AI424010, BE312861, AL519143, BE622144, BF316355, BF310446, AW082869, BE382900, N56305, BG033446, AI422406, BF311837, H30676, BF206860, BF316399, BF237760, BE620107, F06133, BF979374, BE387546, R13816, R37777, BE383447, R13678, BE260695, AI732836, BE843761, AK002119, AK001377, and AF175767.
HTLIV78	769	870098	1 - 656	15 - 670	AA846864, AW590023, AI125243, AA446154, AW003474, AI200764, AA992083, AI139618, AA429664, AW137061, AA991813, AA923010, AI150169, AI825677, AI917106, AA429514, and AL035460.
HTLEI29	770	870142	1 - 1337	15 - 1351	AA861068, AW593346, AI026913, AI684805, AA447543, AA431984, AI017139, AI122717, AI476720, AI150286, AA918216, AW592970, AW294021, AI283570, AW181969, AI125548, BE044235, AA994056, AA974680, BE044229, AA628142,

HTLGX79	771	870181	1 - 2362	15 - 2376	AI372028, BE044223, AW418643, BE041516, AA953413, AI218365, BF115492, AW873559, BE550422, BE044186, BE503483, AW104933, AA854988, AA992982, AA448525, AA335595, AW779121, AA909114, AA884883, AA926841, AA906221, AA970662, AA935622, AA917036, and AC005622. AL536757, AL536758, AL042983, AU143400, BE727484, BG52872, BG031940, BE785704, BE887872, BE390269, BE390137, BE388021, AL045894, AU158624, BF056616, AA142980, AI819718, BG163752, BF194855, AI769669, AI435917, BF125618, BG058584, AI683499, BF477736, AI766947, AA843640, AI765064, BE550279, BG105530, AW028135, AL046584, AW957620, AL045895, BF125846, AW275362, AA860928, BE550550, AA993233, AI190595, AI738798, AW779832, AW590297, AI572599, AI935527, AI804438, AW058541, AW029529, AI017749, AI372930, BE276936, AI189332, AI962393, AA148696, W73459, AI209218, AA143162, AI307654, AI935339, AI952693, AI476285, BF980380, BE693884, AI311787, AA653976, R54225, AI361263, BE222382, AA043920, AI209211, BF125504, AW779740, AW001050, AA579999, BE695026, AI810200, AA480212, AW002962, H02422, BF222839, AW197211, AI657161, AI655164, W73181, AA708450, AA770248, AI650304, AA351246, AI268468, HI3104, AW068342, AI093628, H45952, H26972, AI080281, AI675216, BE810810, AA351735, N36238, AI375630, AW195374, AA351734, AI708489, W31718, R51829, W31923, AI149045, AA351245, R32792, BF765176, AI640161, AW130677, BF951593, AW594427, BF196452, AI339439, BF475620, BG054629, BF991534, AI349086, AW188555, BF325577, AW374965, BE937265, AI382425, R32793, BF431410, BE255133, AA148697, R14459, AA295382, BE774959, AI968321, BE925663, BF932982, BF932991, BE925664, R51554, AA368550, AW370541, BE937703, BE255539, AL117579, AB020664, AK023823, AK024727, and AF153085. AU118216, AU123576, BE276824, BE728814, BE728860, BE274926, BE730297, AK001186, and AK000997.
HHFOV07	772	870237	1 - 963	15 - 977	
HTLDO59	773	870276	1 - 445	15 - 459	AI337031, AW511309, BE550431, AW665680, AW449681, AA719271, AI969740, AA883656, AA993780, AA385348, BF972424, AI480030, N78358, and AC008750.
HE8TM62	774	870447	1 - 1096	15 - 1110	AL521999, BE622768, BF690484, AI698117, BF001651, BE747970, BG033400, BE740980, AW504725, AI937627, AA836250, BF342438, AW407200, AW001591, AW340356, AA099298, AI493682, BF795323, AI709403, AW136099, AA884692, AW402012, R73180, AA101822, AW512103, BE622469, BF965636, BE301808, AI560433, BE276191, AI952405, AW242883, BE219169, AW613583, AA280546, BF507963, AW242742, BE966769, H89547, AI470888, AW407641, AI807734, AI589214, N93808, AA912887, AW961405, AW958094, H89361, AI279097, AA972232, AA328780, BF223988, AA536048, H50060, AA028131, BE708379, AW581195, AI798820, BF690452, BE965354, AW407607, BF337412, BE276432, AA054186, BF305253,

HJBCS70	775	870457	1 - 856	15 - 870	BF032775, BG120184, BE277566, AW999145, BG058324, AF311213, and AC004905. BE619269, BF569300, BF568269, BE728171, BE394328, AV709676, BE619884, BE407733, BE904620, BE614514, BE966040, AW957440, AW965805, AI346019, AI924255, BE964249, AI088909, AA448390, AA781353, AA194605, AW195727, AI146972, AA150413, BF195047, AA448387, AI308750, AI498033, AA148813, AA804861, AI073753, AA740190, AA579960, AA773774, AI304463, AI244610, AA150136, AI523177, W84699, AA026446, AA401771, AI245270, AI348049, BG107464, AI160024, AW204494, AI240109, AI018032, BE044348, AI245908, AA782917, AI523176, AI167739, AI198405, AW079517, AA810700, BE614015, AW663670, AI350465, AW182756, AW207349, AA148463, AA908581, W79002, AA305875, BE392816, AA152187, W63647, F34275, AI023582, AA772649, AI698603, AA740373, AI245510, AI004632, AI198724, AI566264, AA194636, AA477201, AA353431, AA291758, AA477036, AA768998, AI459372, AA781769, AA479797, H69491, BE041338, AW074444, BE543534, BF755218, BF092121, and AA026249.
HTFMP59	776	870490	1 - 3153	15 - 3167	BE797817, BE740047, BE249825, BE731413, BE742680, BE899565, BE744369, BF206202, BE260523, BE900759, BE740025, BE898932, BE745851, BE747559, BE562618, BE798420, BE612623, BE262686, BE736035, BE892562, BE798176, BE746699, BF342707, BF036360, BE794270, AI813702, BG254773, AI858010, BE792899, BF304886, BE740206, BE799844, BF058200, BE899504, BE746134, BE744058, BE729297, BE747747, BE899090, BG254621, BF313114, BE868034, BE744203, BF057544, BF686112, BE883900, BE746982, BE745344, BE729156, BF315389, BE514860, BF316767, BE898561, BE741340, BE783861, BE747300, BE512910, BE740258, BE513511, BE898667, BF982904, BE613142, BE799326, BE798309, BE272303, BE272255, BF973236, BF116215, BF316102, BG031570, BE743586, BE382764, BG106263, BF684134, BE899075, BG179842, BF311770, BF446292, BE312984, BF207378, BF684980, BE618536, BF315301, BE746424, BF125963, BE271319, BE388914, BF343301, BE298819, BE388872, BE388290, BE263737, BE868239, BE293257, BE312341, BE387823, BF684685, BE304529, AI659085, BF446227, BF315133, BF593498, BE740304, AW172668, BE263041, BF127573, BF448040, BE746862, BE746704, BE743061, AI280120, BE746806, BE273053, BF058577, BF206439, BE741839, BE266352, BE741949, BE315306, BE390280, BE514722, AI309849, BF001534, BF982865, AI797756, AW295029, AI283577, AI344108, BF207401, AI283606, AI004750, BE792798, AI659873, BF061105, BF125191, BE255059, AI499709, BE312647, AW473221, BE858623, AI201666, AI365432, AA429716, BF724262, AA738487, AA401258, BF732718, BE391502, AI218825, BE302732, BE207216, BF435084, AI581116, BF341280, AI199756, AI129787, AI916162, AI971823, AI857673, BE222798, BE613355, AA101051, AI048737,

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HTEOY86	777	870519	1 - 728	15 - 742	AI828906, AI979270, AI554187, AA774470, N93466, AI686796, and AF081947.
HTEKC55	778	870560	1 - 1282	15 - 1296	BE253978, BE254398, BE255799, BE781341, BE780436, BE780457, BE255033, AW172618, BE257706, BE251940, BE780314, BE255909, AA887084, BE783528, AA913157, BE253356, AI184620, BE253421, BE257391, BE257100, BE252558, BE256521, BE618088, BE258350, AI024872, BE251745, BE252959, AI581295, AI024850, BE256106, BE778121, AA062589, BE258660, AA938866, AA953444, BE255962, BE251245, BE259105, T19332, AI351056, AA700997, BE251072, BE259435, AA063062, AI016246, AA406443, AA994466, T36111, AI017555, AW025700, BE259217, AI364302, BE255046, AA729497, AW966401, U25928, BE251141, AA410460, AA776786, AV702417, AV695700, AV729376, AW950211, AV703687, AV706417, AV709092, AV686100, AV696754, AW952007, AW956891, AW964251, AW960655, AV728652, AV705299, AV705340, AV702296, AV726787, AW951270, AV729076, AV702998, AW962386, AW949478, AV725153, AV651897, AW962978, AW950443, AV703790, AW960601, AW952403, AW952183, AW959806, AV656903, AV661704, AW952751, AV697196, AW956075, AV645936, AV709587, AW955723, AV705135, AV658084, AW959980, AV650283, AV692600, AV650315, AW963768, AV659389, AV650591, AV697880, AV727613, AV656373, AV726010, AW964440, AV655280, AV660258, AV708109, AW959521, AV647789, AW956474, AV659294, AV727787, AV650691, AV703146, AV686060, AV725745, AV686064, AW951239,

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HTEPK69	779	870574	1 - 3737	15 - 3751	<p>Z78359, BG120498, AL046787, BE299948, BE300005, BF797592, BE646411, BE276812, AI467849, BF305442, AI921905, AW956677, AI742229, BG119339, BF819588, AW950506, AA740928, BE296434, BE393487, BF819587, AW148851, AI916736, AW419330, AW960994, BE882538, BE348307, AA804534, AW451611, AA767277, AI281433, BE646526, AI564217, AI523942, AW364769, AI082623, AA640539, BG150038, AW299493, BE868562, BF196195, AI620008, BE219516, BF334208, AI123945, AI346533, AW469851, AI377579, AI191913, AI610109, AI078678, AA854786, AW085483, BE709716, AW594393, AW978688, AI769651, AI928062, AA923067, AA812157, AI261346, BF875725, AA609195, AI581271, AI025849, AI150639, BE464201, AA599239, AA507048, AI760076, AW194073, AI433379, AI743119, AI041747, AW391749, BF951175, AI347336, AW450845, AW002493, AI275418, AI492025, AW779548, AA742999, BF952495, BF875723, BF734130, BF223867, BE561889, BE504028, AA004830, AA985634, AW452983, AA113313, AA890051, AA814915, AW466976, AI824318, AA767281, AW503165, C06203, AW503174, AW511964, AA983475, AW169615, AA814762, AA031943, AA076092, AI383336, BF951177, BE810312, AW241600, C75084, BF223117, BE463611, AW952105, BE772610, AW504409, AA631549, AW408517, AI814568, AA079540, AI739068, AW950500, AW505489, BF436266, AI245591, AA317350, AA678884, BG055334, BE397945, BE832079, BF954919, AA953576, BE514108, BF355029,</p>

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HTENV57	780	870594	1 - 484	15 - 498	AA927155, and AL034550.
HTEJF45	781	870668	1 - 575	15 - 589	AA203365, BF531024, AI813708, AW962262, AW300554, BE857681, AW026370, AI654923, AA252931, AW612414, AW299408, N70033, AI859872, N46021, AA977420, AA629258, R77192, AI659888, AA252888, H11937, AA149537, AI024609, BF941586, BF511106, N69894, AI768599, AI420563, AI472810, AI810949, AA489009, N98886, AW955695, AI698854, Z38327, AA364127, AA488535, AI187721, AA488402, AI803900, AK000484, and AL034380.
HLTGU35	783	870713	1 - 549	15 - 563	AW016785, BF929951, AA479308, BE999936, AI911597, AI633540, AI381011, AL529110, AI057451, BF063133, BE077233, AI283542, AI224172, AI025510, H16901, AW589256, R25758, AU156824, AU155569, AC009318, AK001324, and AK001927.
HTEDK07	784	870714	1 - 1289	15 - 1303	AL529110, AL529111, AI633540, BE999936, BF699695, BE567017, AA479409, AI911597, AW016785, AA479308, AI381011, AI057451, AI283542, AI224172, AI025510, BF929951, AW589256, AU156824, R23887, R23374, AU155569, BF063133, R43074, R25758, BF818086, BE077233, H09061, AK001927, AK001324, AC009318, and AP000533.
HADGO63	785	870818	1 - 2228	15 - 2242	BG166730, BG110060, BF943758, BG167478, AW369739, AA779755, AI796818, BF344838, AW418704, BF929566, BE882564, BE464531, BG026115, BF106049, AA253192, N53509, AI858417, AW452986, BF217071, AA699819, BE972399, AA283162, AI925522, BF888071, AA283001, AW874681, N34875, AI435285, BF196546, AA835906, AI310069, AA450155, AW802860, AI188262, AW389878, AI147757, AA281217, AA190638, M85582, AI205841, H59008, AW960558, AA677865, R67473, AA938660, AA253193, AA813927, AA281382, N53540, Z43489, AA768728, AL134248, T16522, AW294131, H02995, AA743257, Z39559, AA304497, AW204264, AA843356.

AI091465, AI056131, AA731028, AI783829, AW136002, AA262404, AA278751, AI636644, R98998, AI982655, R45774, Z44159, H58959, AI003182, AI920975, BF927340, N28309, BF094348, F03331, AI352036, AI002363, AA971070, AA742867, BE079625, D55993, BG006790, N43949, AW264028, N71983, N99530, AA995553, BF963604, D12444, AA093631, AW379497, AV650423, BF665585, BF812426, BE965121, AI863321, AW150453, AW505354, AI521040, BF877661, BF810126, AI922901, AI287489, AW079572, AI583065, AI800155, AI934039, BF920893, AI569328, BF816042, AI811311, AI559737, AI559586, AI570861, AI670002, BG181066, AI915291, AW089350, BE964168, AW088903, AL121286, BF812938, AW076093, AI922215, AI537303, AI254727, BE965621, AI554427, AI582932, AW078729, AI886753, AI933589, AI491897, AI537261, AW118518, AI452707, AA833760, AI567351, AW151714, AI569583, AI570807, AW026882, AI923370, BF987104, AI249962, BF812960, AW087932, AI587606, AI468872, AI648663, BF970652, AW129230, AW050522, AI433157, AI702073, AI611354, BF812961, BF032768, AI539771, AI828731, AI274013, AI564259, AI537677, AW983829, AI633125, AI698391, AI815232, AI366900, AW152182, AI889189, AI824444, AW059713, AI926790, AL513803, AI569309, AI699011, BE907440, AW074161, AI499285, AI500061, AI609589, AI680162, AI537076, AW983822, AI269205, BG250115, AW078529, AL110306, AI362522, AI538342, AI521560, AW167228, AI653979, AI432218, AW168452, AI521103, BF724894, AI312428, AI929108, AW827276, AI625467, AI611743, AW090013, AI561231, BG249582, AW088134, BF814453, AW080327, AI818977, AI539153, AI801460, AI868831, BE965114, AI863441, AW082088, AL036638, AW118398, BF904178, BF812439, BE965111, AI491775, AI514893, AI554818, AW117746, BE890783, AI431975, W74529, AI269862, AI866573, AL037582, AI037602, AI866798, AW026567, BE393551, AI679174, AI828682, AI670009, AI862144, AI251830, BE543089, AI473536, AI538817, AI434281, BF814412, AC005035, AK000380, I48978, AL359941, I89947, AL137429, Z82022, AK026408, AK027096, A08916, A08913, AF090901, AK024538, X82434, I48979, AF183393, A08910, A08909, AL049283, I33392, AK026642, AF130087, AK025524, AL389982, AK026532, AF067728, AX042059, A77033, A77035, AL117649, AL050138, AL137463, AL137271, A93350, AX010492, AF078844, AF113019, AL050393, Y11254, AL110196, S68736, A93016, I89931, AK024588, AL049430, AR087170, AL162083, A65341, AL080159, AL353957, AF119337, AK026959, AK026528, AK026045, AK026462, AF106862, AF104032, AL133072, A03736, AF116610, AK026744, AB047904, U80742, AL049382, AB048919, AF119909, AL359618, AF177401, AL353940, AL442082, Y11587, M92439, AK026504, AL049938, U67958, AK000137, AK025084, Y14314, U35846, AK026464, E03348, AB048953, AR000496, AB052191, U39656, AR070212, AL133014, AX006092, AF113691,				
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HTAHY24	786	870826	1 - 1063	15 - 1077	AA133012, W28418, W26126, BE241648, AI221445, AW194853, AA259200, AA132718, AA515221, AW820534, AV756230, AA127801, AF302494, AF076531, and AF076532.
HDPDO84	787	870936	1 - 555	15 - 569	AA187106, BG001758, BF816581, AV703906, AA432068, AA424177, AU126858, BF964679, BE620497, AW850036, BF359293, BE144115, BE144226, BF090148, BF956332, BF888788, BF808796, AF225417, AL137497, AF216644, and AK001338.
HNTAN11	788	870937	1 - 844	15 - 858	BE620497, AA187106, AA432068, AA424177, BG001758, AU126858, BF816581, AV703906, BF956332, BF888788, BF090148, AW850036, BF964679, BF808796, BF935958, BG119873, BF359293, BE144115, BE144226, AA366193, BE000743, AL137497, AF216644, AF225417, AK001338, and AF277625.
HTTBJ31	789	870946	1 - 1471	15 - 1485	AI570568, AW341487, AI827050, AW298668, AI792189, AI015693, AI733599, AI672488, BF805186, BF805137, BF364828, AW193262, BF810817, AI244716, BF810805, BF812146, AA358477, BF810813, AI572251, BF812138, AA912444, AA330586, AI206100, AI864375, BF769701, HI6914, AA745659, BF771890, AK026431, AP000353, and Z92546.
HAMGO2	790	870957	1 - 963	15 - 977	AA528169, AA877468, BE537305, AW504343, AU157000, BE169367, AV712979,

4						BE778062, BF673318, BE784554, AA730240, AB036063, AL137348, AK001965, AB036532, AP001328, AB036529, AB036531, AB036530, H41568, AA236156, AA639736, AA827059, AA953361, AA701412, AI311084, AI311085, AI364049, and AI498787.
HODFK55	791	870975	1 - 1074	15 - 1088		AU127592, AU117973, AA114062, BE870261, BE871556, AW958589, AA355980, AA280560, AV759556, AK000970, and AB011169.
HBJMW49	792	871019	1 - 656	15 - 670		BF964805, AA706715, AA224086, AA223940, BE616009, AL519027, BF699413, AV705746, BF967473, AV716392, AW952775, AV742876, BE439764, AV727606, AA040832, BE616635, BE313141, BE615880, BE968540, BF105930, AA310233, AA027882, AL532886, AL536799, AA218607, BF966382, AL525450, AL533104, AA150665, BE616614, BE967383, W01548, BF966427, BF967477, AV732951, AW962227, BG105567, AL532956, BF791336, BG036727, BE777778, BE789706, T35494, BE763398, BF575752, BF968612, AA304821, AL519732, AI864304, AW962238, BF105848, AV749220, BF695741, T32119, BF351799, H61928, AL533208, AV723672, BF697535, BE171827, D45317, D45319, AL533167, Z42332, BE790247, BG110791, D45330, Z42207, BF675666, AA089700, BE856230, AA093377, BE765403, BF248124, AV722501, T35997, BF970588, BF104171, AX013696, AF161522, AL080097, and AJ270952.
HSXDF62	793	871038	1 - 407	15 - 421		
HSVCE22	794	871088	1 - 426	15 - 440		AI076394, BF056245, BF057841, AI352554, AA856875, AW979136, AW074583, BE813017, BE072910, BE072901, BE072902, BE072900, BE072676, BE072907, and BE072669.
HFKLC74	795	871186	1 - 2651	15 - 2665		BE795961, BE410145, BE792414, BE746352, AU141954, BE262764, BE746375, BF309501, AU143707, BE746451, BG030810, BE900176, BE740821, BE746427, BG253158, BE898791, BG110646, AL040937, AU126223, BF338161, BG179766, BF345524, BE379093, BE892013, BE391125, AW806654, BE273057, BE901462, BE514600, BG110635, BE882355, BG254482, AL526148, BF732410, BE383442, BG256028, BE266643, BE296203, BE263417, BE260929, BF341263, BG177975, BE742897, BE391378, AI678640, BF338242, AI608862, BE070313, AW364764, AW364751, BE389202, AW749585, BE536984, BF846205, BE871785, AW601811, BF026243, AW601844, BG248934, AW328624, BF868966, BE779713, BE070314, AI990470, AW364773, AU153783, AI660558, AI346323, AL526094, AA314049, AU132206, BF000005, BF590718, BE383040, AW272745, BF874087, AI282823, AW083558, AL529521, AW751947, BE869684, BF809018, T16894, AW674628, AA281338, BF868950, AI765077, AW962815, AI948457, AW601835, AL043788, AI272873, BE903516, AW151790, D19593, BF768551, BE543377, AW473561, BE391864, AI674272, BE301196, BE273581, AW028378, AI672826, AI193564,

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HTLEV30	796	871212	1 - 630	15 - 644	BF570315, Z78349, BF570171, AL529424, BE257057, AW083356, BE379285, BE275116, BE387991, BE391217, BF026445, BE735512, BE250854, BF342184, BE730308, AI633569, C02416, AA983675, BF309514, AW081073, BE311512, BE407247, BF569803, AA677642, BF569378, AA553998, AI277832, AV696289, BE300008, BF969821, BE264652, BF312661, AA004344, and AC011442.
HSRAV54	797	871264	1 - 1619	15 - 1633	BF367785, BF367817, AI758981, BF940118, AA601674, AA469230, AL036896, AI797998, AL041375, AI090377, AI521525, AW086291, AI871973, AW970588, AA610381, AU160445, AA831426, BF828756, AU159614, AW275432, AU151751, AW020150, AA218851, AW272815, AA503307, AW500071, AI926102, AI065031, AV756663, AW963450, AU147761, AA298365, AI336771, AA598443, BE140949, AW177869, BE676856, AA525753, AA570255, AI358928, AW514065, AL035977, AI078409, BF916676, AA410788, AA635433, AA669238, BF933309, AI224583, AW272389, AW089625, AW151247, BE328286, AV712092, AF075353, AW341955, BG223384, AA484298, BE077105, AI332615, AA503298, AL048060, AA595661, AI914748, AL119737, AV695953, AI801505, F23338, BE154909, BF589824, AU145957, AV759766, AW902110, AA577706, BE677029, AW901945, AI801563, AW270771, BE154381, AA599712, AI915081, AA719564, AW575605, BF525663, AW963397,

AW327852, AI879968, AW902135, AW963489, AW265006, AA480486, AW511778, AI791659, AI280535, H77492, AI174703, BE139139, AI278440, AV764259, AI277373, AW328446, AA515176, BF589066, AI623423, AI744905, AI204309, BF149121, AW502873, AA683069, H85388, AA507623, BF834298, AW341978, AI754421, BE245594, AI061313, AW855527, AI309943, AA846923, T11828, AW148964, AW243831, AA468923, AV751848, AW008184, BE674809, AI251034, AV683406, AI469384, BF970818, AW872736, AI250552, AI158351, AI284543, AP001721, AP001125, AP000057, AP000172, AP000330, AC008569, AI034548, AC011497, AC006042, AL136218, AL121585, AC007421, AC005933, AL035420, AC004755, AC027279, L44140, AC008762, AL109963, AL021546, AC005914, AC009245, AL031670, AC011489, AF111170, Z83838, AL031276, AC019140, Z84469, Z98946, L35532, AC009314, AC003041, AC009362, AL109935, AL355392, AC005094, Z86090, AC010605, AC007566, AC002119, AC005288, Z93244, AL133332, AP001710, AC006139, AL049758, AL049576, AC004797, AC004799, AC009116, AC003956, AP000514, Z83846, AC005519, AF243527, AC006330, AC010201, AP000150, AC011490, AL133353, AC002347, AL391986, AC004000, AC011811, AL031053, AL138815, Z68870, Z93783, AC005940, AP000009, AI445687, AC004662, Z75887, AC005206, AC004893, AL391833, AC005667, AC005484, AC008784, AL031728, AL135839, AB014080, AC005071, AF002223, AC004132, AF217796, AL138787, AL136295, AF067844, D28126, AP001694, AL136146, AC008812, AC005089, AC007919, AL035658, AC006581, Z81364, AL034402, AC009060, AL354683, AC007237, AL121845, AC005164, AC006345, AC010150, AC024078, AC004526, AC005024, AP000558, AC005005, AC005815, Z95116, AC005971, AC004898, AC005412, AL031662, AL109923, AC011890, AL162458, AC007956, AC010412, AK026238, AL078476, AP000503, AC008392, AL139014, AC002477, AC005841, AC004081, AP001727, AC022493, AL136137, AC004659, AB023050, AL109613, Z93241, AC024947, AL121952, AL121890, AF134726, AC010458, AC011895, Z95115, AC008379, AL049692, AC010311, AL158828, AL121886, AC009516, AC006329, AC009470, AL353804, AC010422, AL031121, AC004685, AL050307, Z98941, AL049709, AL031681, AC008641, AC004985, AL158040, AC009086, AL163201, M63796, AL022316, AL358777, AL033529, AC007563, AL031432, AF168787, AC004906, AL023575, AB023049, AC008892, AC015550, Z68273, AC009506, Z98752, AC007391, AL353701, AL008706, AL133395, AL022238, Z84466, AL049795, AL133340, AL136304, AL138917, AC004491, AP000111, AP000043, AL121748, AL158159, Z98200, AL117381, AC007151, Z93020, AC003013, AC002544, AC005247, AL133448, AC005666, AL445217, AC020898, AC009247, AL022721, AL109804, AL391114, AL138688, AC011491, AC002036, AF312915, AC083861, AP001743			
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HTLID05	798	871356	1 - 1126	15 - 1140	AF196971, AC004796, AC006483, AC005778, AL021154, AL133355, AF217403, AF228703, AJ229041, AP001443, AC007066, AL445465, AC005277, AL353680, AC003108, AC005522, AC011475, AC002558, AD000812, AP001504, AC007750, L78810, AL162615, AL132713, AC002394, AP000511, AP000553, AP001724, AC007685, AC002073, AF111168, AL356115, AC005225, and L25175.
HDACG50	799	871387	1 - 1438	15 - 1452	AL537786, AL538232, AL535184, AA663560, BF530385, BE047914, Z45270, BF964415, AL534468, AW161542, BF933691, AW205626, AI201609, AC007227, AL135927, and AK026325. AL525918, AL525962, BE739659, BE748605, BE622977, BE620695, BE620341, BF793709, BE894376, BF978528, BF793846, BE842513, BF475586, BG169214, BF184912, BF382743, BF240531, BF029281, BF694140, BF697730, BF667325, AW362870, BF131011, AW837507, AL528832, AV702826, BF668750, BF210239, AV711984, BF680430, BF029448, BF104925, AI142241, BE569174, AI421210, BF241999, BF700644, BF665275, BF207969, AI376442, AA056667, BF207500, BE302033, BF210877, BF666446, BE958602, BF030632, AI418822, BF184399, BE143645, BG027466, BE925780, BE748190, AW338834, AA044187, BF028894, BF028663, BF132612, BE739197, BF245054, BF240345, BE564200, BF027909, AW837659, AI142239, BF668167, BF247574, AA703083, AA884458, BE018424, AI342066, AI142363, BF184668, BE897680, AA131958, AA845562, BF570885, AW964412, BF381572, AW276070, AI888445, BF357765, AA461134, W95957, BF513692, BE567473, W95790, AA595195, AA041216, AA836273, AI244639, BE866730, AI147357, AA781004, AA625616, AW043674, AA621817, AI131871, AA826717, AA076410, W31798, W95871, AW977859, AI332604, AW069645, AA227871, BF753219, AI249664, AI335859, AI076282, N94607, N94747, AA730109, C06488, AA227870, AA609557, AA172239, AW130775, AI283734, BF753217, BF668814, AI023478, AI251872, AA579974, AL528833, AV710812, AI027406, AA172057, AA854295, BG033589, BF382205, AI735384, N53784, T87081, D57943, AA705336, AA767946, AA676885, AI337673, AI937388, H49890, BE566098, AI419799, Z44333, AA744565, N78910, H97181, N39170, N73145, H10262, AV747344, T87082, AA150996, AW837608, AA040780, AA722664, AI084341, AA056546, AW875784, AA767105, T16029, AA076461, Z44312, AI207438, M85789, AA044076, T36038, HI0210, BF241860, AA151085, AW780386, W19601, T80176, BF571058, AA372457, T84441, T88804, AA490823, T87483, AW090219, Z40283, T30672, AA565173, AI351732, H97180, AW367375, BF963616, R21428, D79398, AA774020, R58939, R34809, BF956579, T34511, AW367374, AA938627, R21429, BF834627, AW837651, F04907, AU121987, AU121797, BF374670, W23814, AW367377, AW837427, AI147956, N45246, AA316206, BE842137, BE844247, BE844240, AW367378, BE876840, W04696,

HWAGU6 2	800	871413	1 - 868	15 - 882	BE964940, BE844241, AA283283, BE844243, AI937517, AX014822, AF201947, AF130115, AP001962, AI138706, AF082526, and AK022313.
					BE545984, BG167577, R77865, AI525869, BF214247, AU124097, BG178026, AU128462, W28537, AW899217, AV651084, BF377686, BF031657, AV651773, BF995707, BE871943, BE541011, AU127443, BF694284, AA092849, AK022558, AK022818, AF233321, and AC007785.
HOEBN65	801	871416	1 - 803	15 - 817	BF027485, BG033189, AV727227, BG035805, AL335626, BE882559, BF529940, BE615392, BF796714, BF026790, AV701622, BE410981, BE389452, BE391282, BE798652, BE902893, BF967185, BF026043, BE389461, AI568567, BF981315, AI992241, BE545652, BG222458, BE616681, AA142944, AI086596, BE302867, BG181027, N92512, AI080304, BF338630, AW090277, AW051448, W63805, W07740, AA843315, AI826693, AA708776, AW151172, AA788733, AA527053, AI299184, AW952840, AI167692, AI161139, AI039605, AV752458, AI160688, AI141373, AA708520, BE616131, AI200329, AA860813, AW337779, AI192219, AI129519, AA872411, AI031868, AI335895, BE730372, AI083531, AI148099, AA844466, BF725321, AA588191, AI076910, AA293831, AI805893, AA315199, AA401651, W93970, AA722032, AI074899, AA493343, AA769806, AI193867, AA436345, AA455203, AI193844, AI141356, AA079352, AA150647, AW750770, AA115544, AI421247, N58395, R87425, AW008542, AV683122, AW009811, AA228455, AA235095, AA454862, T90357, BF589193, R11503, N80680, BG152311, R53208, BE909256, BE818818, AW352337, BF993910, AW337638, N74117, R53110, F32557, BE838555, BE244898, BE838540, W38964, F24549, AI961636, AA228454, AA341105, AV740206, AA309877, AA079591, F24945, BE812404, R86694, AA715148, AA328964, W30921, H66602, W93969, AA302624, AA249309, AA215973, AA411491, R48412, N77987, AA389673, AA558040, AI695590, H87636, AA398459, AI803601, H87635, BF365878, BE764099, AA115055, R86695, AA181312, R49774, AA336147, R50624, AA889647, AA077962, AA402479, T83037, AA187054, AV741922, BF885291, AV741357, AA192729, AA303783, BF997396, AW352326, AA192762, AI378335, W38670, BE745102, R66236, H95941, AA301965, BE833122, BF757771, AA568295, AI970268, R49820, W21103, BF363034, AW352305, BE876790, AW614275, AW798279, N93442, AW750381, H66603, AA365456, F35088, AA904185, BE277437, AI609056, AI913636, BG151102, BF528327, BG121023, AF151893, and AC006329.
					AA195037, BF111651, AI765129, AA195411, AI654178, AI519380, AI813420, AA195525, BE675058, N45297, AA928392, AI346691, AI659617, BE856962, AI034197, AI761583, AA029540, AW974198, AW006007, AI346170, AW083379, AI309925, AI346139, AI417275, AA397632, AI143023, AA435748, AW167905, AA877733, AA662436, AI274079, AI310731, AW083415, AA573261, BE786302, AI762953,
HOEY60	802	871485	1 - 876	15 - 890	

						AV646794, AI264501, AI589448, AW299773, AA531464, AV742573, AV646558, AV646608, AA531483, BE439818, AI557363, AI572087, R41762, AA381200, AA721384, AI214495, AI280297, BF871080, AA808852, AV709280, BF674821, AA029275, AI525601, R51622, AA722827, AA449889, AI519381, Z41845, W45128, AA336049, T35273, R63549, R63504, AV707619, AI743722, AW947045, AA330880, N54746, Z46219, BE770347, AI480191, W45087, AI269390, R17208, BF995086, AI873001, AA496193, BF081512, BF372138, AI206708, AW949633, AW949654, D80038, AW949634, AV655880, AW965158, D80164, AA305578, AW966388, AW966054, AW965153, AI536102, A84916, I79511, and AR060385.
HHECK12	803	871540	1 - 1057	15 - 1071		AI816291, AA232734, BF853999, H19158, AI760043, AA393161, AA773610, W26621, AW167198, BF814729, W27591, AW304670, AI627709, BF679777, AA977902, AA101978, W27637, H18406, BF933255, BF933289, AA865841, H22590, AA285182, BF431536, BG142220, AA078982, BF671282, AA778341, AA063017, N36725, N41575, BF574489, AI740515, BF575110, BE771604, BE855600, AI636468, AA778420, BF790740, BF432235, AI269917, AA705659, AI027118, BF574566, AI027084, AW149672, AI422217, BE858179, AI096968, BF694874, AI341974, AI640592, AI589163, AI298585, AI423082, AA862265, AA095574, BG249637, AA079083, AI348474, H18407, AA614423, N57559, N89853, AI018299, AA063036, H20775, BE26537, AI423221, AI422398, AA631996, N30801, AI368736, BE762736, AI864591, H18492, AV753461, AK024920, AK025808, AK025832, AK000159, and AX011620.
HTLEM32	804	871541	1 - 764	15 - 778		AI740515, BE855600, AI269917, AI027118, AW149672, AI422217, BE858179, AI027084, AI096968, AI341974, AI589163, BF432235, AI640592, AI423082, AI298585, AI423221, AA862265, AI348474, AI422398, AA614423, AA063036, AI018299, H20775, N89853, AA099574, BF853999, AI760043, N57559, AA631996, BF574489, N30801, BG142220, AI886999, H18407, BF671282, BF575110, H18492, AA918685, BF432451, BF790740, BF574566, BF694874, BF814729, AA079083, AA285182, AA236544, AI864591, BE762736, AI696054, AI553830, AI857516, AI655204, AI652751, AI968364, AA909303, AA927772, AI026914, BF693535, AI816451, AA933651, BF693585, T60608, AK025808, AK024920, and AI219539.
HPMJT61	805	871619	1 - 580	15 - 594		AA457064, R20871, BE140475, AW955294, AW409700, and BE019514.
HHEOI72	806	871663	1 - 1672	15 - 1686		AL536409, BF984403, BG164266, BE251780, BE778252, AW962226, BE736311, BE545565, AI923828, AW749803, AA308878, AA193632, Z44459, R72275, AL536408, BG122513, R59094, W78789, R35689, BE162322, AL530195, BF205215, BF307187, BF916512, AA744858, R00325, BF512099, H11787, and AI580894.
HAPRN77	807	871674	1 - 540	15 - 554		BG255460, BG176979, BG251830, BF791666, BG252085, BF924990, R23524, AW381867, AW381796, AL048976, BG253704, AW606122, BG035233, AA090251, BE882134, AA249265, AL043034, AU143428, BE780668, BF952440, AB011088,

HLJDL43	808	871689	1 - 1496	15 - 1510	AR083288, AC005920, and AK024068.
					BF976391, BF976351, BG178961, BE543824, AI439688, BF792964, AV721546, AW962729, AV694662, AA583472, AA479822, AA885710, AI057124, AI653267, AV697510, BE264447, N49701, AI148473, AA081732, AW001515, AI813759, AA731528, AI922970, N49807, BF593785, AA452034, BF512743, AA479701, AW073331, AW474666, AI148815, AI148816, AA702261, AA766549, BE222696, AA445926, AW613459, AI686965, AA731291, AA044233, AI298827, AI147270, AA939152, AA716180, AI024961, AA282006, AA493296, AW152515, AI475562, AI097514, AI039456, AI681386, AI161374, AI281632, N21383, AA280640, AI763423, AA888775, AI373682, AA679522, N62989, AA902123, BE966552, AA581408, AA422025, BG030863, BE221139, N33020, AW302611, AI261781, AI364084, AV722450, AI864444, AI885859, AW673415, HI7856, AI565955, AA810677, AA426268, AW576089, AA452249, AA651796, BF446873, H85152, AV724357, T65936, HI7857, BE218385, W81297, W87455, AA425977, AI039721, AW051501, AI355116, AI631378, BG222582, H64238, W81298, AI002438, AW953685, AA917551, BF846414, AW050626, AI264829, N57719, W37599, AA864493, AI572991, AI446232, T33682, AA731627, R82258, AA291415, AW953326, T35180, H28948, AA281069, M78335, W37503, T15882, R16143, H64239, T05455, BF434064, AA505158, AA669379, R82203, AI244034, AI682636, N42077, AI394615, AI952614, H61861, AV657212, BG056057, H28947, AA934672, AA255888, AA720621, AI859574, H90517, AI869192, AW594713, BE540188, H28057, H85074, AA760627, H39867, AI859582, AV690330, AA044372, AW406708, H02111, AA988203, AI866348, AI872524, AW129370, AA720624, AA668762, R15115, AV684935, T33148, AA595234, R15402, T57732, AI865926, T33683, AV684958, H13809, F13220, R41539, AI868229, AI927542, N79895, AA369765, AW876827, F10820, W93547, AA157584, AI368641, AW844400, H85114, AI983881, AA788651, AA452427, T04850, M78824, AA361270, AI090883, AA683273, AA730272, R31875, T57692, AA854411, AW771020, AW401372, H02013, R23017, R31266, AA490402, AA343824, BF683292, AA143613, AW070582, AI891061, R31269, N59686, R31872, AI369926, BG031987, AI572432, AA343946, H13810, AW993420, F02165, N56304, AA585461, AA281194, R39282, R22913, AW939639, BF914315, AW403720, AI444957, AA214393, AA157662, BF028064, T64511, BG110705, AA094854, T91846, AI560106, BE784887, BF899132, N63723, BF796861, BE281229, H93590, BG179907, AI073688, BE544355, AK024539, AF302079, D85748, U07617, Z85987, AC006115, AL121652, D83989, AF024533, AJ006996, AP001666, AC006336, AL445258, AL034372, AL137012, AL078602, AC006120, AC008626, AP001700, AC005330, AC006111, AC022407, AC005015, AF243527, AC006012, AC008562, AC020595, AI353802, AC007000, AC008567, AF317635, AC020629, AL022238, AC002558, AC007537,

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HTXOX92	809	871693	1 - 2030	15 - 2044	<p>AL519290, AL533566, AL515841, AL533565, AL518507, BE786283, BF796381, BE789948, BE894550, BG023950, BF974711, BF980376, BG176688, BF797260, BG256417, BG251518, BG117297, BE739732, BG034952, BG178736, BE397435, BE311957, BG110989, BE865449, AV710566, AI937192, AI992140, BF182770, BG106973, BG034206, BF971870, BG256534, BE541348, AI924787, BE543876, AW836476, BG177438, BE622551, BE397128, BF183961, BE777495, BE788503, BE748574, BG105315, BG031320, BE787440, BF972659, BE278877, BE891447, BE619355, BF184135, AL518506, BE280620, BF210240, AV761560, BG025014, AI133232, BE544842, BF666632, BF574847, AI917927, BF184564, BF028159, BF832502, BF672018, BE567184, BE896572, BF126162, BF670473, AW836533, BE263294, BE866141, BE782700, BF797499, BE885849, BF789937, BF679414, AV731004, BE968529, BG252668, BE542202, BF207936, BE968522, BF977557,</p>

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HLJDU57	810	871712	1 - 468	15 - 482	BF679558, AW073731, AU138514, BE780246, AW501986, AK025482, and AK023638.
HHFKL03	811	871735	1 - 831	15 - 845	BG256531, BE092014, AW501950, AW801252, BE092132, AW607035, AW363642, AV707961, AW873541, AI246496, BE171936, AV705517, AI745566, AB020637, and AK026560.
HNTTB69	812	871818	1 - 1174	15 - 1188	BE279345, AA459453, AA101550, AA121619, AA205866, BF312631, BG257509, BF312124, BF316513, AA220914, BE902971, AA223598, AA113943, AA486007, AA223124, AA205631, AV751901, BF306788, AA223374, W21295, AA196719, BG257252, AV738784, AV759714, BG257521, AW247263, BE018678, AA181792, AW250315, AA216703, BE795493, AV751522, AL532258, AA026482, BG259318, AA227341, BE409912, AW960173, AA218599, AA132567, AA219692, W58281, BE871186, AA215359, AL518976, BE263657, BE782475, AA206169, BE265441, BE537319, AW247709, BE265357, AA309127, BF796436, AI541341, AC012156, AL157432, AF212220, and AK026932.
HKAAA37	813	871827	1 - 1136	15 - 1150	BF690054, BF940929, AI133589, BE887401, BE903639, BG110948, AI991016, BF125876, W63675, BE393241, AV716597, AA931985, D56220, AA100699, AV711610, AA743791, AI580860, BF732877, BE730258, AI240907, W61091, AA729784, AI750271, AI751445, AI307444, C06381, BF026122, D56451, BE727175, AA857534, AV744622, W37266, AA884177, AA604196, AI366507, BE793846, BE934317, BE742662, BE934437, BE740614, H63216, AA159266, AA088853, BF357124, AW008969, AI687095, BE934332, H93412, AA765667, BE795342, BF879857, BE934366, AA158009, AA907608, BG170115, AA781694, W25078, BF689981, AW245246, N25841, AA022543, T67440, AA641826, BE790851, BE793469, AA148229, BE903214, AI797289, AI911205, AI570144, H63130, AA075311, AA159685, AI866628, AI394269, BG031485, AA074669, Z45116, F28627, AI077930, AW952124, R81680, AI972298, AI318137, AA837473, AI541453, BE799132, AA326131, BE735825, Z36872, AW009221, BF845363, AA248589, H95566, H93411, AW009897, BE267419, AI139372, R52800, AI524549, AI278793, H53993, N30347, BF026858, BF880011, BF209529, BF836728, AA159684, BE835868, AW016845, AW263105, BF055202, AA720507, AI637710, BE265249,

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HACCB78	814	871878	1 - 581	15 - 595	AL532443, BE736025, BE395253, BE887409, AL532442, BE781501, AW405929, BG253497, AV723533, A1718012, AW804688, AI905045, AA394034, AA192851, BF820479, BF351381, BF056095, AA478664, and AI905041.
HMAKM2 7	815	871887	1 - 2096	15 - 2110	BF032601, BE884480, BE896847, BG107409, AA534380, BE935961, BF593809, A1275974, AA758011, AI091865, AA770655, AA826573, AA642458, AA284480, AA308157, AA150509, AI338707, H98214, AI085686, AI613457, AW007656, BE677803, AW083271, AA156713, BF890758, BE092569, BF687549, R38877, A1716024, AI079204, A1561066, AW629504, AI638057, Z44870, AA468549, BF445676, AW771735, BF852685, AW173317, AA368918, BE092420, AW969242, A1254739, T80580, AA406249, F07793, R55262, BE832360, R55263, AW900776, AA625472, F05814, Z40638, F04054, AA321781, AW021358, AA714089, BF886411, H91564, AA954780, BF871030, F02061, AA243079, AI640665, BE774931, H90643, N44003, AW135695, BE927559, BF757045, AW999558, AI002239, D19832, BE567146, BF089866, R12721, BE932984, BE832354, BE707285, AL008639, AB040946, AF139898, AF131746, and AK027079.
HTLEO76	816	871905	1 - 501	15 - 515	AI650584, AA297993, AW961753, AU134330, AA297533, BF832650, AK023386, T86497, T82189, T82190, R71600, H13433, H13479, H39877, H54215, H58444, H58445, H90515, H90612, N49878, N67976, W94927, AA148536, AA156626, AA243312, AA262731, AA280401, AA481036, AA481116, AA491260, AA911168, N56306, AA204861, AA599121, AA625826, AA628304, AA846252, AA910465, AA913474, AI052679, AI080658, A1244439, AI306694, AI123958, AI142679, AI627205, AI630851, and AI653857.
HTPBR76	817	871944	1 - 884	15 - 898	AA179229, N47674, BE544665, BE868067, R88653, and AC004685.
HNTNH42	818	871982	1 - 756	15 - 770	BG108231, AW027467, BE549843, AW002474, AA249580, AA054620, AA043925, AA046731, AA047158, BE840469, AI653300, AI917733, BF221599, BF056768, AW969313, AA760924, AF004840, and AF090866.
HFRCB84	819	871985	1 - 723	15 - 737	

HLWDZ48	820	871994	1 - 1020	15 - 1034	<p>AL523658, BE742720, AI887986, AI361806, AL523657, BF032414, AA843431, BG112272, BG114160, BE743216, BG254436, BE541137, BE538694, AW574661, BG180832, BG122703, AI041835, BE782447, AW963413, BF196383, BE789190, BE314040, H93008, BE892229, BF038947, BE539530, BF691494, BF032909, BF035976, N23788, AW606410, AI684352, BE855820, AW673568, AI818104, AI198978, AI888675, AW731715, AI016917, BG253548, AA251497, AI156659, BF694975, BG027384, N45375, AA883250, AA507394, W85704, AI023435, AV736888, AW391866, W22943, N36039, AA196875, AA838424, AI190353, AA854726, BE157090, AI497789, AI130677, AI805721, AI360590, AA513745, BF855589, AA830287, AA150457, H98174, AI051928, AI362758, AI363063, AI084879, W04868, AI079922, AA596005, N31663, BF855612, AI493678, AA826825, BF082353, N21018, AI206361, AI653847, AI200202, AI128368, AI284973, AI128349, AI312697, AI312666, AI248121, N32421, N24913, N41352, AI199993, N56843, N24199, N32064, AA251539, N32703, AI128532, AI969465, AW803954, AI282180, AI925582, N42221, W72864, AI124912, W45383, AI200989, AW298606, AI040779, AA036893, N24183, H74292, AI200603, AI350819, AI498220, AA772681, AV744681, AA631880, AI000430, AI318071, AA514602, W51970, AA315664, N22996, AA878042, AI499035, N31686, AI023392, AI189536, BF746415, AA722758, AA977027, R77003, AA701051, BF693558, AA159754, W86916, R71001, AI200017, AA856551, AA146841, AI205729, W48824, H94999, H74293, AI337597, AA962756, AA764846, AA889344, N70498, AA903482, AI206374, AI969476, BE158168, AW408209, AI349596, AW008691, T49177, AW860686, AA146840, W01403, BE158146, AA172157, BE158128, AA873579, AI383805, AW372351, W78937, AA608849, R98963, AA171950, AV749689, AA983586, AA860599, AW363469, AA911913, H58077, AI184783, W40392, W75959, H91602, AW887805, AA318271, N26462, AA159753, AA731004, AA775821, N70787, AI810815, H61466, R98874, R48547, AW578938, T49176, AA334127, AW972495, BE158148, AI376333, H01262, AA911925, AA852093, AI219025, R48636, AA852105, F13602, AI290159, H04151, AA357562, BE158136, H40131, H58099, AW843835, AA127482, AA372234, AI880131, N28582, AA890429, H99350, H04152, W23232, H58076, AA369618, H01174, AI243065, AW075805, H91603, BF229077, AI244064, AA190735, AA256143, AI701636, AI907592, W24405, BF887668, AA903426, AI280941, N93093, AA127481, AA812772, BF761457, BF062218, AA255970, BF081145, AA757807, AA704665, AI358908, R70950, AA788734, AI247984, and AF151018.</p>
HKAOC61	821	872013	1 - 615	15 - 629	<p>BE408359, BF034352, BE782529, BF663499, BF125809, BE264972, BE909920, AA411585, BF970515, BE910261, BE262322, BF206350, BF680573, BE904868, BE314050, BE889078, BE252952, AW955529, AA485512, AV752768, BF343862, BF183040, BF116109, AW407316, N36051, H42954, AV688973, N79656, BF056595,</p>

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HHEMI13	822	872036	1 - 668	15 - 682		BF036644, W07704, AL044714, AV648831, AV648819, AW995328, BF326822, BF843917, BE000761, AI638670, AI953415, AW393113, AV712139, BE178092, BF844535, AK024297, AK000714, and AL133153.
HTFOA36	823	872070	1 - 974	15 - 988		BE906731, AV729001, AW365097, AA846784, AI131304, W44347, AI097616, AI564003, R35296, AA482948, AI096726, BF846287, AW997319, AW997218, AA608789, AA490195, AA010018, H60973, AA715205, RI7247, AI694485, AI738971, AA490375, AW138082, AA010017, AW957556, AA377980, AI001187, AW732393, AI027726, AI024923, AV707882, AW951270, AW961247, AW963232, AV705420, AW964520, AW962648, AV654689, AV702856, AW957970, AW967280, AV702463, AV708590, AV708498, AW959823, AV702749, AW960685, AV709494, AV725063, AV692178, AV646916, AW963847, AV704410, AV646504, AV646609, AW951240, AV705250, AV647692, AV725550, AV707331, AV728404, AW950375, AV687036, AV705234, AV709244, AV725387, AV727189, AV705392, AW955749, AV702389, AV709939, AW954009, AW959149, AV707322, AW963625, AV727080, AV701739, AV725829, AV702574, AV704031, AV706147, AV701646, AW966775, AV709281, AV652405, AV729337, AW962397, AV703844, AV652936, AV728609, AV701961, AV725095, AW963619, AV684521, AW957985, AW950277, AV647369, AV647390, AW961330, AV653766, AV704767, AV647233, AW963949, AV706226, AV702071, AV706683, AV646649, AW955152, AV704170, AW962367, AW958936, AV704144, AV708520, AW952306, AW963598, AW966625, AV647452, AW954336, AV647758, AV704342, AV691489, AW951450, AW964203, AV661498, AV682980, AV726653, AW951875, AW967188, AW950258, AV703833, AV703425, AV705319, AW954427,

					<p>AV728410, AW955783, AW957102, AW964782, AV709772, AV727618, AV706076, AV705383, AV708083, AV704033, AW966270, AV655067, AV702950, AV729366, AV704467, AV704395, AV705338, AV705525, AV702282, AV702958, AW949351, AV727754, AV725237, AV729499, AV652840, T18597, AW962378, AW963811, AW961234, AV653153, AV702498, AV706316, AW964098, AV703086, AV729348, AV702787, AV702975, AV726754, AV706992, AV648182, AV701614, AV704876, AV702041, AV707907, AV728884, AW960456, AW952126, AW956517, AW950395, AV725154, AW963652, AV658334, AW952168, AV707416, AV703137, AV701499, AW954779, AV706025, AV703261, AW962407, AW957059, AW949441, AW959830, AV726930, AW949725, AV652536, AV704879, AW953971, AW966619, AW959871, AV708815, AV709222, AV703437, AW953969, AW963648, AV704981, AV705518, AV725842, AW963486, AW963660, AV705813, AV727625, AV703266, AV707270, AW951269, AV695709, AW955615, AW959538, AV646022, AW951933, AW963011, AW962006, AW957987, AW951201, AW957779, AW964800, AV704743, AV727065, AW959937, AW960688, AV707135, AW949882, AV703273, AW953773, AV708720, AV694524, AV687808, AV727170, AV647941, AV652547, AV729501, AW954695, AV704971, AV727935, AK026006, A82595, A82593, AX047063, AX047062, AR050070, A62298, AX047064, U94592, Z30183, A62300, AX009343, AX009341, AX009337, AX009335, AX009345, AX009342, AX009344, AX009340, AX009339, AX009336, AX009338, AX009334, AX040581, AF006072, AX046743, and AR025466.</p>
HULEW22	824	872087	1 - 462	15 - 476	<p>AW239167, BF036606, BF797044, AL110323, AA341363, BG255458, AL078611, Z79997, and Z79998.</p>
HWADES4	825	872092	1 - 2506	15 - 2520	<p>AL527273, BE793486, BF305616, BF203973, AI636233, BF337358, AL449611, BE276018, BF305113, BG169928, BE794344, AL449610, AW955027, AA029645, BG231851, BE386543, AI824084, AI769804, AI769744, AI652943, AA677521, AA029713, BF879798, AW001115, BF879790, AI942487, AW572166, AA041310, AA224470, AI285006, AW083829, AW003475, AI804865, AA431600, AW444480, AI628342, BF852888, AW297740, BG261156, AW295260, BF476302, H43216, BE908321, AI015433, BF980911, R73031, AI362978, AL537021, AA732991, R61757, R61640, BE410390, AA255855, BF879691, AI355475, AL039739, BG006065, TS3653, BF475396, AA368634, AI809421, AA534152, BG248804, AA041334, BF814051, AI652528, AI900347, BF001355, AA368424, T85425, AI540613, BF879680, AW751161, AI768806, AA352921, BF816471, BG117974, AI284089, N55142, BE894155, C02670, BG011218, AI868394, TS3652, AI638636, BE870119, AA322475, BF997351, BE873482, BF822912, AI886291, AA027871, AA031573, AA431464, AI565311, H73300, C21411, BE904591, H85488, BG256126, AA535806, BE275983, R86025, AB045292, AK024725, AB045293, I89935, and I89936.</p>

HEMHH46	826	872093	1 - 928	15 - 942	BE894155, BE046407, AI742373, BG248804, AI138228, AA573889, AI830433, AI925224, AL039740, BE908321, BG117974, AA528201, AW628082, AI924218, AI571064, AI683135, AI475707, AA535806, BG261156, BE870119, AW452074, AA557158, AI673605, R73032, AI628804, N26129, AA031573, AA974394, AI767451, AI767461, AI767460, AW204676, AA926795, N50784, AI961155, R60973, AA719136, AI201190, T16566, AW006949, AA255855, AA027871, AI262067, AI569026, AI926852, AA354175, AI859390, R86025, AI678371, H43185, AA092300, R61758, C00844, AI598006, H85488, AI869857, AA027819, AA031452, and R61640.
HFPIX46	827	872113	1 - 1836	15 - 1850	AL527786, BE386766, BE386802, BE300076, BE299498, BE299975, BF308467, AA778659, BE542454, AI310145, BE730783, BE855609, BE901603, BE900953, AI569659, W03003, BE394640, AI858080, BE278967, AW957066, AI066688, AA629579, BE894153, BE895998, AW089966, N72301, AW090236, BE300338, H30717, AI025185, AI673663, AL134996, D20077, AA984671, AA865573, AA157331, AA157428, BG002843, AA342003, AW188233, H28142, AA782702, AL040088, AA296718, AA342002, AW886359, AA369151, BF125550, AI424611, BE551111, BF795984, AA369150, AW504570, AI828717, BE085589, BF433585, AI263341, AB011143, and AB018413.
HHPDK44	828	872141	1 - 747	15 - 761	BF243436, BF676689, AI800696, AP001696, AP001596, and AP001597.
HE2FK85	829	872190	1 - 1252	15 - 1266	
HPQSL36	830	872224	1 - 687	15 - 701	AI279903, AA953561, AI685755, AI971263, BF437741, BG035163, and AL049822.
HEQBF64	831	872357	1 - 880	15 - 894	BF983770, BG028619, BG178054, BE798880, BE312862, BG036055, BF982694, BF805099, BE257263, BE745866, BG117900, AL526063, AA037128, BF037981, BG024075, BE899052, BG112301, AI147040, BE303058, BG112873, BF968971, AA452082, BE539789, AI799103, AW954404, AW957489, BG023931, BE873567, H59917, BE793517, BE728450, BE933489, AA114064, BE810852, AI300527, BF344098, AL526009, R18087, R66211, BG023781, AA302917, AA740785, BF894564, AA297718, T63572, BF036180, AI749037, BG110999, BG026904, AW262596, H42029, AA298499, AA297928, AA026867, BF351017, BF035903, BE899372, AA114004, AA039801, AA057042, BE719811, AA297503, BE898463, AA019035, AW998750, AA282268, AA045009, BE873865, AW249503, BF830907, BE795630, BF917245, H82753, AA032064, AW407164, BG116527, BG231995, AA522833, BE931598, N46163, BE742141, AA451894, AI150184, BF854344, BE513205, AI754474, AA745848, BF854346, BE301334, AI963804, H84444, AW797132, AA922673, AI422459, BE395723, R29356, AV722562, AA037508, AA836524, AI356068, BF439421, AA629610, N36889, BG056311, AI832951, AW118884, AW797252, AA045097, W70034, AW084887, AW340229, BG110401, AI885257, AW770259, AI369408, BF112113, AW614905, BG054830, AW375991, AA994830, BE208015, BE090335, N69029, BE674986,

HAMGB22	832	872526	1 - 2502	15 - 2516	AI028014, AI798549, AI369135, AI360652, AW847201, AW514771, BF508512, AI982743, AX035212, and AL137440.
					BF109962, AW051537, AW971461, AI823986, AI904815, AI954085, AI523426, AW967781, BF000392, AA401605, AI311307, AI768857, AI692194, AW188473, AI991353, AI037919, AV707298, AI088691, AW057637, AA912979, AA157004, AI124670, AA401474, AA101470, AA625960, AA827143, AA411016, AA465188, AA633141, BG165674, BF242714, AA465546, AA732096, AA214618, T51500, AL080033, AI244110, AI040061, AA831705, AI308983, BG168645, BG168646, AA769468, BG164284, BG253641, AA721105, BG117025, BG025417, BE621893, BG258222, BG167818, AA906441, BE910738, BG252223, BE612896, BG123011, BF798053, BE621811, BF792445, BF984992, BF984267, BF345060, BE621810, AW440440, BG117030, BG117026, BG031014, AW605861, BE614378, BG168644, AA362688, AA362690, AA362689, T29199, AW858525, BE613101, AW972092, AW972091, AW968355, AW861944, AI431351, AW968729, AW968356, AW972093, AW877209, AW604723, AW971740, AW858526, AW972090, AW969229, AL119324, AW858455, AL044652, AW804686, AI142134, AI432644, AI623302, BF793870, AW392670, BE672759, AI431337, AI432653, AW081103, AI431230, AI431328, AI432654, AI431312, AC003083, AI110179, AF125531, AX030435, AR080280, AX030436, A94048, A94061, AR035224, I66487, A49045, I09252, I09251, AX002278, I09270, I09268, I09269, I07209, I07249, AX042374, AX033488, AX033489, AX033490, AR068508, AR068510, AR067734, AR068509, A63954, AX042377, AR091571, AR089207, AR089206, A49701, AX035430, AR089208, AR089205, A29109, A32111, I66495, AR068550, A23373, AR068551, AX042373, I66494, AR085090, A94046, A94054, I58322, I58323, I66497, I66496, I66486, A27169, A27170, A39929, A83151, AR067731, AR067732, AR038307, AR070554, I09267, AR071324, I66498, AX033474, AX033486, AX033487, AX035427, E01324, I08638, AR038321, Y17793, AR051528, AR051547, AR066494, AR051537, AR051524, AX042376, AX042375, AB026436, AR071207, AJ279014, AJ251859, A42964, AF064854, AR060234, AX046357, AR054110, A81671, AR069079, and AR043113.
HDABD89	833	872527	1 - 1610	15 - 1624	BF796038, BG256283, BE899409, AW411266, BE907333, AI051974, BF345708, BE315077, BF691882, BF311416, BE887862, AU122867, BF691560, BF666610, BF701624, BE255450, BE311625, BG177265, BE743411, BF691959, AW958012, BE907305, BE620393, BF317316, BE082837, BE301730, AW958234, AW149387, AI754455, AI147770, AA533076, BE620735, AU159965, BF203593, AW165978, BE018250, AW082928, AL538112, AA594903, AA188403, AI468025, BE076538, AI927282, AI073440, BE076551, AA531581, H09628, AA502285, R17469, AA814075, BE825337, AI363467, AI752883, AA683348, AI146918, AA653152, R41660, AI566949,

					H06731, BF889181, H06780, BE166624, A1221468, R12892, AA101491, BG008489, H18496, AI535920, AI190983, H58219, R61673, W81282, BF821148, H19163, AI085290, AA922589, AA101492, AA340216, AA326762, R71010, T74146, R19857, H58555, AW580295, AA470336, R12091, T65338, F33261, W67814, R96458, AW580268, R96459, AW510639, F11848, T90519, T65146, AA384947, Z45985, H09629, R61006, T80044, D30890, R63535, AA640833, BF831105, T34238, R36845, Z41597, BE833205, R42815, AA295586, AA181185, R22967, BE793062, R46038, T05944, R41286, AA302547, AA281795, F10157, F04497, R38762, F12537, AA844673, AA374153, F06187, BF155862, T23509, Z45592, AA047605, R63586, AA378398, F09492, AI910442, N87222, BE833143, R23072, BE833145, BF762749, AA321692, BE253435, AA330986, AI018429, BF836218, F02464, BE735543, BF991258, BE833192, BF988253, AU142724, BF991012, R45955, T62687, BF215620, BF953248, AW411267, BF991236, AA285062, BF990980, BF991011, BF988035, BF807521, BE174204, AA090848, BF806217, BF807400, AI445466, AI206181, BF571389, AW139082, AI094361, AW204663, AV661425, AI969294, AI824507, AA703614, AW137049, AA988273, BF339423, AI307562, AI349603, AI375685, AW136525, AW029544, AI961606, AI151124, AW517252, BG055535, AA402041, AI739281, AI970963, BE242319, BF950368, BE138897, AW629557, BE718101, AI654328, AL043419, BG180468, AI652305, AW003062, R72631, BF812288, AI656661, T60927, AA296027, AA301981, AI968132, AI253778, BF090962, AK022504, AK023995, AF131781, D87433, and AJ275213.
HPMFU11	834	873145	1 - 1189	15 - 1203	AUI38387, and AK024358.
HHFEL55	835	873186	1 - 648	15 - 662	BG248331, BG036711, BG036734, AL526582, AU119915, AU120830, AL522581, BG119507, AL525440, AL521296, AL533011, AL520536, BE314452, BG025675, AL526904, BE958011, AW239479, AA306419, BG036731, AU126683, AU126613, BE871257, BE314408, AW411262, BE545814, AK021925, AK022780, and AK000480.
HHFJG66	836	873355	1 - 2680	15 - 2694	AL521804, AL521803, AL535427, BE397366, BF974996, BE562398, BE744093, BE561712, BE271237, BE397614, BE562082, BE397567, BE275147, AL535426, BE409602, BE561529, BE514409, BE561508, BE734376, BE513947, BE269836, BE397322, AW024974, AW303401, BF025695, BE730298, BE397518, BE747750, BE270550, BE277764, AW954868, BE304392, AW954834, BF892698, BE397865, BE207701, BE271132, BG104371, BF125819, BE397490, BE296686, BE207727, AI274799, AW074233, AI679074, AI499422, AI827575, AI928361, BE391918, AA160606, BE562087, AW732734, BF002414, BE267895, AA315776, BE644853, BE547421, AV696893, AV684921, AI016059, AW249651, BF155203, BF437505, AI527262, AW450819, AW079518, BE268902, AI365272, AI338083, AA729126, AA831884, AI440443, AI283488, AI925468, AI274761, BF237940, AL527263,

						AW300875, AI983318, R42025, AA313959, AI240111, BE268253, R20845, R37892, BF970572, BF813074, AI187826, R33244, R64261, R33245, AA862592, AA984343, AW087285, AI984649, AA580394, BF810667, AI795901, BF902892, H29720, R25583, AA283458, BF983060, AA928568, AW843336, BE894530, BF529682, AI796242, AB037827, AF191337, and AR081895.
HBMWZ8 5	837	873653	1 - 1975	15 - 1989		AL536598, BE887941, AV756335, AV685058, BE870177, AV723720, AW118603, BF111206, BF340004, AW290997, AI970788, AI653980, AW966583, BE465113, BE671612, AI884393, AW514791, BE467195, AI907480, AW952462, AI803977, AI038559, AI907487, BE966154, AA633580, AI299369, AI377662, AI281374, BG169496, AA809261, AA526520, AW058300, AI246272, N64512, AI355041, AA737324, AV746861, BF102947, H02873, N80300, H03768, R77185, AI702548, AI216182, N47363, N75621, D59329, BF994041, AV740627, BF094920, AA328789, H50614, AA324459, AI245763, N22380, AA452590, H50615, AV740287, AV744231, AA302791, AA324510, AW865756, R25351, AA452270, AV746480, AI205785, BF222604, AV736353, AV748833, BE262868, BF308815, BF315059, BF205832, and BF203906.
HTTEL61	838	873679	1 - 748	15 - 762		BF087775, AW839965, BF374860, AW839962, W31264, AI337406, BE169179, AW877280, BF882198, BE741000, AW877281, AI530582, AL528110, AI469418, AU118071, AA371703, BF930219, AL529205, AW840116, AW383853, BF797612, AW842428, BE275577, BG258196, BE562335, AL523910, AW957171, BE407233, BG256771, BF354366, BE397686, AA076196, BE384815, AL529204, BE047789, BF793735, BG119332, BE560246, BF765564, BF084883, BF342801, BF685922, AI372805, AL035417, AC005043, AX017283, AF265228, AK021605, AB037846, AL137200, AF265229, AL359839, AL359839, AC005043, AC005043, AL035417, and AL035417.
HHEKA25	839	873756	1 - 1044	15 - 1058		AL521986, AL521985, AI817466, BE904098, BG260084, BF793132, BE894263, BE873833, BF439331, BF203429, BF983713, AI188184, BE910310, BF667874, BE904210, BG031216, AI803637, BE218333, BE378900, AW953618, BF940993, AI479853, BG116696, BE747895, AI199381, AI23127, AI458395, BE389366, AA780244, AA447624, AV728694, AV728921, AA743927, AI138746, AA284556, AW602172, AI340185, AI497680, AI701138, AI949706, AA410675, BF594730, AI570504, AI300375, AA423881, BF110364, AA262669, AA284795, BF344873, AA400547, AA429108, AI348309, AA316560, AA452960, AA423902, AA042988, AA316842, AA451674, AA043042, AA400244, BF003113, AI571390, BE549542, AA042861, R76970, AI560629, AA235589, AA453218, AA452820, N80231, AW105644, H60916, AA496998, BF589245, AA868885, AA448024, AI654988, AA428872, AA042849, AA357706, AA429062, AW794510, R93695, BF745192, AA523984, T90652, BF087292, AA946612, R34969, AI869572, H83024, BE261946, H51706, W38322,

					<p>R34866, AA044412, AA682182, T83180, R94542, R96730, T78530, AA962639, AA810439, BE382714, AA504714, AA367144, AA044398, H52424, H82805, W16760, AV703669, AV704924, AV729159, AV728455, AV705981, AV728721, AV727822, AV704585, AV654070, AV707663, AV651075, AV655901, AW952751, AW959806, AV694812, AW950443, AV703146, AW952403, AW952183, AV656903, AW955613, AV729077, AV661704, AV696106, AV697196, AW956075, AV645936, AV709587, AV705437, AV704737, AW964421, AV692600, AV650315, AV659389, AW951263, AV697880, AV727613, AV689111, AV728157, AV655280, AV660258, AW956474, AV727787, AV659294, AV686060, AV725745, AV728148, AV660608, AV686064, AW951239, AV659322, AV726156, AV654908, AV726590, AV698545, AV656478, AV708893, AV709314, AV653353, AV708381, AV660728, AW020592, AV691080, AV702385, AV706219, AW949802, AV652001, AV651955, AV706162, AV707979, AV656240, AV727003, AV709580, AV728546, AV656224, AV708786, AV659547, AV727526, AV703169, AV651920, AV725618, AW954439, AV704592, AV728518, AV707541, AV702861, AV725577, AV725033, AV706223, AV728924, AV725617, AV707863, AV696931, AV703062, AV699089, AV705135, AV701874, AV704637, AV703501, AV701180, AV707401, AV701183, AV709660, AV654035, AV709935, AV707654, AV726624, AV706854, AV683994, AV704042, AV654282, AV697288, AV729220, AV709604, AV698290, AV687035, AV706882, AV694836, AV704847, AV697498, AV702954, AV727238, AV686420, AV682997, AV727126, AV696866, AV726681, AV655890, AV728997, AV704955, AV686390, AV705635, AV656256, AV686417, AB029821, AF113126, AF176807, AF176806, L14441, AF217994, S68736, AX047063, Y08991, A91160, Y11505, AL353807, AB049887, AC006160, AB048914, X72387, AF030635, AF114170, AL136130, A93016, AC005284, AF257081, AF094480, X89962, AF282903, AF012536, AF113222, AF017152, S71381, AX040577, AC006241, AF065135, AL080060, AB047248, AK026597, AL137300, AF217988, AF241734, AC020904, AF217993, and AF254076.</p>
HTLEH76	840	873788	1 - 1413	15 - 1427	<p>AL041454, BF829679, T49325, AV651897, AV652528, AV704756, AV726590, AV702164, AV725321, AV704144, AV702498, AV707401, AV653353, AV707420, AV709356, AV708872, AV727822, AV706076, AV729473, AV728404, AV725441, AV704785, AV725031, AV725618, AV708786, AV725582, AV709580, AV703632, AV701858, AV727618, AV706223, AV728715, AV727139, AV660096, AV701704, AV729424, AV726830, AV660258, AV701874, AV707503, AV703168, AV652001, AV704520, AV647692, AV703214, AV704279, AV726194, AV702783, AV709596, AV661286, AV706290, AV703417, AV705234, AV685688, AV689800, AV693005, AV687909, AV725991, AV725577, AV654035, AV656004, AV729366, AV726628, AV706882, AV707769, AV706407, AV729597, AV709880, AV706133, AV702851,</p>

					<p>AX012337, A23334, A75888, I70384, AX033474, AX033486, AX033487, A64973, A60111, A23633, AR007512, A58524, I84553, I84554, A58523, A60212, I00682, A60209, A60210, A60211, A11623, A11624, E00609, E13740, A11178, E01007, AX035980, A10361, A90655, I08395, AR043601, I62368, A35537, A02135, A02136, A04663, A04664, AX006823, A11245, I18895, AX032758, I03331, A02710, E12615, AX018504, AR035193, A92133, E14304, A07700, AX027811, AX027809, A13392, A13393, AR031488, I13521, I52048, A27396, AX027813, AX030369, AX030368, AR031566, AR069374, AR027100, I49890, I44531, I28266, AR069375, AX042377, AR083151, AX027812, AX027810, AR091518, AX027816, AR072535, AX042375, AX027817, AX027818, AX027814, AR085082, AR085089, AR085091, I21869, AX042373, A91965, I44516, A70040, AR085079, E16678, A82653, AR085083, AR093385, E16636, AR074365, AX032992, AX032993, A24783, A24782, A95117, AR095490, AR095491, AR093392, AF149828, Y09813, I01995, I25027, AR069426, I26929, I44515, I26928, I26930, I26927, I08051, I60241, I60242, AR038066, A20699, E00696, E00697, AX001330, E03813, AR093384, I66482, AR009151, I66485, I66483, I66484, AX004550, AX036660, AX036661, I66498, I66497, I66496, AR027099, I66487, I66486, AX023553, AX003194, AX023548, AR072540, AX003206, AR093383, AR051652, AR051651, Z32836, D50010, AJ230935, AJ270780, I05558, X81969, AJ230902, AJ230972, AX027636, AJ230951, AX047063, AX047064, X07299, T49324, AA609428, and AI125526.</p> <p>AL521647, AL517582, AL519909, AL530801, AL519910, AL530267, AL530694, BF027493, BE347319, BE546592, BF203439, AL449825, AI096624, AL449911, BG116204, BF238066, BG115619, BE891889, AL449826, AL449912, BE315514, BF029131, BE781485, BE168855, BE218627, BE540603, BF337398, BE869726, BE961028, BF063670, AI742426, AW206464, BF576695, BF185952, BE549555, AI743004, BF114954, AI378547, AW207506, AI343524, AI763134, BF185160, BG030043, BF035075, BE550927, BF002486, AW071446, AW663669, AI923411, AI912546, AI971875, AW188250, AA452699, AA258683, AI979273, AV702492, AI421707, AI306659, AI681435, AL530693, AI741119, AL449721, AA977327, BE091524, BF196444, AA700541, AW136651, AI808184, AA721031, AI561015, AI800948, N24991, AI449809, AA485062, AL449720, AW470977, RS5837, AA450060, AW139628, AI077467, AI863644, AI686596, AW365059, AW014260, N41370, AL449722, AW300126, AI638834, AW300113, AI151115, AA974156, BF934694, AA976977, AL449808, F32847, AA001396, AW405442, AA361681, AL449807, AA485157, R67953, BE737467, R35711, F29704, AI640210, AW189156, R66863, BE827512, BE827509, AA017578, AJ913608, AA280510, AA569526, AI201767, Z44280, AA329679, BF829475, R17530, BE843834, BF056432, BF847853, BF805438, BF897074,</p>
HHEVQ56	841	874064	1 - 1666	15 - 1680	

						AL449491, BE938485, AI929037, AA888581, ZI9983, F08051, AL449492, AL449490, C01202, AL449488, BF963430, BE938462, N77044, AL021578, AF314058, and AF131789.
H1PHV39	842	874346	1 - 828	15 - 842		BF744793, BE383194, AW954672, AA307462, H86407, BF330227, AA019170, AW351511, AA036880, AA045560, BE169462, BE002829, BF985408, AW577893, D89677, AL133047, AX017513, and AX017612.
HPCRR53	843	874354	1 - 3319	15 - 3333		AL516624, BF969871, BF031846, AW961070, BF002940, AV760146, AW967335, AI346493, AI760821, AA621577, BE614425, BE866784, AW069380, AW955926, BE348366, BE936112, AI379068, H29083, BE966193, AA464795, N79788, AI803023, AI808143, AI367586, AI420880, AI581118, AA150590, AA907364, AA007602, AW087102, W33049, AI341764, AW273761, AW813968, AI435632, AW157498, AW080897, BF979932, AW439597, AW015612, AI368878, BE243262, W07286, AV758107, AA441898, AA160513, AA111896, BG165835, AW028757, AI243218, AA046003, AA620885, AI129000, BE673336, BE882257, AW023862, BE041840, AI587653, H28978, AA085677, R87794, AA428267, AA085834, T80505, AI247913, BF197837, AA111878, AI014838, H22982, T58186, H04232, AL536330, R87732, R81741, AA576671, AA339480, AA464200, AA143096, R36593, AA357180, T58072, H22775, R36594, BF733978, R27870, AL527071, AV753531, AV752854, AV751871, BF245058, AI566375, R27781, Z42184, AI709192, R81498, AW605869, N68098, N80539, BF832996, AA341976, Z38439, BF825158, BG001663, AL516625, AI537042, AA321931, BE184591, AW379008, AA046002, and AK000452.
HLQEW26	844	874356	1 - 855	15 - 869		AL038549, AI459234, AW511135, BE855861, N66469, BE328396, AL138369, AW029587, AI220238, AI283575, AA724654, AA937029, AI680995, AV725607, AW470697, AA206032, BE466570, AW169155, AI376220, AW316658, AW183089, BE047454, AI627582, AI312875, AI354763, AI682197, AW104886, AI587626, AI263311, AI537857, BF448872, AA934879, AI277741, AW024559, AI368080, AI280172, AI351850, AI263361, AW262729, AI630572, AA424860, AI002590, AA912940, AA085699, AW304237, AI620779, AW026862, AI808595, AI291942, AI751934, AA425630, AI698952, BF445622, BF514790, AI124072, AI950171, AI189704, AI937264, AI365291, BG055283, AA621559, AI309792, BE674295, AA745892, AA126512, AW103417, AW075551, AA430399, AI986369, AI857483, AI381986, H96355, H03283, AA886639, AI382033, BE219861, AI270383, AI927252, AA725593, AI933513, H87798, R40313, N91814, H12461, AI270420, AI351934, AA149365, AI095075, AW029024, AW135213, D20300, AA382563, AW887351, BE896465, AW887357, AA991646, AA236258, AI371518, AW887411, N95628, AW374703, N66449, AW887340, R18960, AI923570, AW769598, AI312435, AW948970, BF793017, AW003133, T24439, AW022616, AI660981, N86334, BF882909, AV735057, R49119, F03575, F03574,

HSLJR04	845	874369	1 - 1875	15 - 1889	AF191652, AF191651, AF191655, AB007956, AF191654, Z74617, and AF067803. D79551, and D62420.
HCVBG26	846	874427	1 - 382	15 - 396	AA305281, AW962352, AW188435, BE042762, AU124525, AV751184, BE904633, AU128008, AA865072, AF118637, AK001419, AF192387, and AF239767.
HNGEZ52	847	874434	1 - 2030	15 - 2044	AW516242, AV725115, BE176779, AW961941, AI570379, AI559155, BF696636, AA904265, AW517143, AI632377, BF665204, AI526910, AI908495, AA194914, BF700570, AI982908, AI803264, AI633577, AI084507, AI128085, AA532742, AA907767, AA452533, AW591165, AA443367, AW452815, AA531126, AI473675, AA446943, AI539836, AA884619, AI580399, AI374846, H06611, AV753197, BF000410, BE731087, BE768510, BE768736, BF435883, BE744744, BE768747, BE176834, AI800892, AI651364, Z44955, AI285463, BE768744, BE768569, BE768502, BE768616, AW993029, AA902992, AI908497, AI337672, AL527069, BE768609, AA252141, H07121, H01246, BE768495, R68930, R36894, AW169967, D61478, BE897309, AA255657, AA194915, AW193058, AA433980, AW183446, Z40704, BE261655, BG163270, BE541795, BE768465, R39412, BE763768, BE788891, AI049770, BE769273, AW905715, BE769267, BF828736, AA348650, AW904986, AW904983, BF244108, BF693493, BE671647, BE768678, BF693710, BE768715, BE140267, AW806502, BF374293, AI652350, AX011642, and AK026904.
H2LAY37	848	874446	1 - 2110	15 - 2124	BF034560, BE799666, BF793199, BE269289, AW960415, BE537586, BF688463, BE887882, BF965898, AW959934, BG111082, BE735957, AW673634, BE895085, BE302774, BE387075, AV709329, AA447249, BE266632, BE297860, BF511242, BE617837, AA868337, AW403529, AA682464, AI018520, AU159352, BE836742, AI937152, BE741975, AW806987, AA307180, BE279607, AA315814, BF365698, BG033916, AW028058, AI264178, AW802811, BG054841, AA524689, AW152265, AW731628, BF725946, BF510162, BE205911, AA449314, AW071947, N24989, R83173, W76161, AI417359, BF378742, AU153106, AA533087, AI869267, H93269, BE794278, BE782399, BE742535, AA972773, AI362084, AI144350, AW403175, T27076, W73886, AI354553, BE162755, BF205235, AW383581, AA281893, BE514688, BE617371, BE902001, AI740687, N76349, BF980456, AW514602, AW771177, AI937117, N92758, N91323, BE694604, AA774296, BG106930, BF305287, BE155676, R69667, BE891684, AW959942, H72455, AW374364, BF155437, F11244, T27065, BE798908, N70080, T03761, BE155626, BF971206, AI418588, BE065554, AW748996, BE155602, AA480587, AI356770, AI249170, W60541, R70825, H73749, AI050012, AW050481, BF838994, R76771, AW749000, BE155633, BE065555, AW382732, AI092071, BF087084, H52372, BF837341, BF087090, BF087043, R76458, AI523534, BF108924, BF087091, T58620, BF205889, AV745171, N55356, AA449877, BE155599, R88107, BE278962, W19412, BE155702, BF591518, H60235, AL048494, AU149657, R24811, N24492, T27075,

					BF837352, BE931696, AA181618, R69580, AA281736, AA533184, F07719, AI039628, AI374956, H99209, BG002249, AI284323, AA335131, W19218, R70775, BF432382, AI002926, AA181651, AA380316, BF087040, R34444, AW753932, R22367, AI189421, T31828, BF918667, AA705044, W25344, R48978, BE746479, BF203302, H52373, BE858444, AI929289, BF918595, AI193786, AI300928, R42927, AU126890, BE301819, AI956012, AA760621, AI566649, BF087068, AA449570, R31753, T27066, AW798158, AA665508, BF984532, N54384, R28213, AI719518, AI929364, BF841064, R27881, F08906, F03976, N33515, AW748995, AI523157, T06126, AI687330, R21890, R27961, BG002262, R26955, R45540, N43795, BE155628, R27867, BE153433, BE155670, AA568919, BE019385, BF306920, W27612, BE243252, AA449830, BF835472, BF837355, T32442, AI471159, AW090723, BF954667, BG035219, R26728, BF954666, AI039074, BE065424, AK001344, A62298, A62300, A82595, AB002449, AR092424, AR070327, AX033851, AR060385, and I14842.
HCRND05	849	874528	1 - 1449	15 - 1463	BE312404, BF316832, BF314749, BF315081, BE314877, AI760170, BF314377, BF315285, BF206474, BF829200, BE262228, BF310453, AI150687, BF809865, AU158613, AW273858, AU148518, AU149720, AI400198, AW062695, AI924082, BE262581, AW087415, BE047624, AI689214, AI684707, BF207275, AA526748, AI566857, AI377786, AW167628, BE161394, AA525309, R65808, R32753, AI927229, AW663929, R32754, AI242434, AI927230, AI701965, AI956002, AI867076, AU156607, AW292033, BE185584, BF349416, AI368435, BF354201, AA897436, AI612972, AI221593, BF351651, BF351668, BF206107, BF314579, AI364630, and AK022603.
HCRNP66	850	874529	1 - 522	15 - 536	AW392670, AW604723, AW858526, AW858525, U46347, AL119457, AL134542, AL134531, AW804686, AL134536, U46350, AL134527, AL043003, AW363220, AW384394, AL134533, U46351, AW861889, AL119324, AW858455, BE705903, BE705906, AW577135, AL119443, AL119396, AR066494, AJ279014, AJ251859, AX030435, AR069079, and AX046357.
HNTMD17	851	874559	1 - 1823	15 - 1837	AI527594, AW967487, BG032824, BF984614, AI949652, BF476493, AV761591, AV762400, AU149224, BF211531, BF693783, BE739312, AI685745, BF239022, AW195069, AW612290, AI052515, BF243286, BF216945, BF669995, BF238940, BF699936, BF247385, BF027861, BE502492, BF028644, AU156747, AI697062, BF589168, AA280974, AA707923, BE671578, AW591068, BF696615, AI218290, AI199847, BF976945, BF207926, H98774, AI144534, BF246727, AI073884, AI668804, N46000, N23495, BF210938, AA011443, AI689592, AA251688, AA011444, BF670972, AA453078, AI436247, AI080750, AW248798, AA716253, AI275839, AI122970, AI453068, AI768147, AA844253, AA718935, AA725825, AA199845, AW268712, AA682515, AW838099, AW339219, AI498394, AW339546, AA772711, BF445503, AI445896, AA719969, W60548, BG120682, AA917362, BG168012, Z39539, AI003641,

						AW084055, AW084063, AA251094, BF435876, T77877, BE566386, BF697047, AI536979, R15292, BF215896, Z45463, AI942282, AA506048, BF688027, AI623949, F03470, F07768, AA838154, F04328, BF977907, AI611294, Z42543, H22527, AI674943, F02062, BE738868, Z40852, AW971524, BF688108, AI364258, AI962091, R42198, Z44339, AI025438, AA452910, AW235780, BF679924, AA091738, BE881884, BF666663, R58217, F06562, W04953, AU125593, AW377760, N45999, N55694, BF350996, AI985580, AW804489, BF68536, BE769555, AK001902, AI117543, AK022695, AF244542, and AL132821.
HMCZ52	852	874610	1 - 1503	15 - 1517		BG167520, BF246502, BF031122, AW814060, BF222363, AI638649, AA554045, BE940623, BF102783, AI916034, AW363225, AW363239, AW363251, AI636959, BF247687, AA994913, AW195875, AW853933, AW363235, AW363241, BF211275, AW814059, BF349386, AW843782, AI824374, AA928829, AW843781, AW363263, BE167242, BE867781, AK024865, AL136084, and AB048901.
HOSOL09	853	874620	1 - 1416	15 - 1430		BF793567, BE894883, BG261393, AI913535, BF696173, AI762854, BF111628, BF223142, AU150744, BF694284, AI677912, AI758705, AW968852, BF130221, AI825702, AI740876, BF445423, AU150024, AV651084, AA412665, AI800271, BE871943, AA883055, BF031657, AV651773, BE568561, AI823434, BE537311, AA134753, AA845774, BF526053, AA491093, AW204604, AA598723, AV684088, R73497, AI535824, R73498, AA134752, AV695057, AV697599, AV691590, AV691627, AU128462, AI535821, D62016, AI332677, AA993841, AA293681, BF214247, BF793500, AI598069, BF993112, BF995707, R77771, N68128, BE541011, AA761684, AW748412, BE939096, AW370473, AW370408, BF377686, BG167577, AI758562, AI754802, BF987010, AA075272, AK022558, AK022818, and AF233321.
HLQHJ48	854	874643	1 - 1709	15 - 1723		N62913, BF028797, AU137173, AA453825, AA453744, AI028283, AU157061, BF366160, AI804261, W01391, R53262, R53263, AI084483, H09694, AI808264, BE764811, BG005245, R43890, R19537, BE565706, BF944700, BG011233, BG007528, AK001975, and AB040894.
HTTDU01	855	874708	1 - 1641	15 - 1655		BE311749, BF313052, AU137438, BE273683, BE739364, AW105143, AW664998, BF698023, BF666604, BF670879, AU126957, BF669135, AA307599, AI971445, BF216844, BF701464, AW614994, AU154397, BE896630, AU132973, AI017401, BF672677, N53419, BF541947, AI041077, AI864277, AW954675, BF700557, BG110382, BF576810, AI494173, BE173729, N53432, AA580971, AA196917, BE839275, AI613044, AA370694, BE831801, BE739606, BE958371, BF700305, and AK001355.
HOSMQ26	856	874847	1 - 1315	15 - 1329		BE891805, BG026162, BE891716, BE777516, BF185329, AW964042, BF247874, BF573747, BF239956, AI660037, BF897795, AW804995, BE939552, AW804691, AI299786, AA829747, BF697580, BE545900, H56186, BF697577, AU153511, AA352328, W38841, AI161351, AI148191, R96121, AA995008, AI193065, AI017193, H56403,

HE8FA47	857	874915	1 - 1578	15 - 1592	AA379061, AA190904, AA904070, AA379060, AA075300, BE887804, BF115041, R96080, BE963111, AA191311, A1439209, AA146764, AA146875, N92519, AA503807, AA649029, AI140061, AW518742, AI379863, BF222229, AI803876, AA577360, AA577361, D38550, and AI136303.
					BF966613, AV684729, BE856253, AW028063, BF967767, BF476032, AW025205, AI936938, BF513083, BF112039, AI553845, AV721664, BE874632, BG032797, AW118083, AW968377, AI627928, AW629496, BF183036, AV725683, AW469390, AV654724, AI805469, AI818906, AI283403, AW074838, AI421269, AA037314, AI027476, AA926654, BF515401, BF739803, AI291304, BG036935, BE835358, AW001973, BE835421, AA937950, AA861680, AI304767, AA465446, AA731671, BF107095, AA970745, AA102090, AA923662, AI309195, AA463457, AA854770, BG058506, AA972072, N33417, AA568740, AI276170, AI718178, AW182398, AI002643, AI277271, AI384119, AA804207, AA905140, AA934048, AA907546, AI694431, AA610079, AI221597, AA905147, T87107, BF240167, BF978144, BF081332, BF977973, AI809900, AW086166, H90090, AA055922, N57371, BF370065, AA868005, AI268390, AI204193, N31503, AI554900, AI806731, R99432, AA056234, AI358287, H94078, AI041581, D62387, Z39858, AI290395, AA628706, AI220793, AI709171, R99338, AA872540, H90000, T87106, AA311659, AV736624, AA056233, T78750, D62053, D61964, AI525281, AA443018, R39324, D79318, H94093, D62068, AV661245, H94077, AW138972, Z43792, CI5485, AV654948, AA258407, AW189588, AW270804, AW304064, AA099343, AA988126, AA907286, BF107110, T19459, D62335, AI873020, AA890504, W86144, AV747841, AA258486, D56193, Z21289, AW079830, AA037041, BE042468, T06711, AL080115, AF077038, AX002924, AX002922, AC010134, and U96638.
HMTME42	858	874948	1 - 667	15 - 681	AV755653, AL534593, AV682473, BF382207, BF694676, BF031924, BF672575, AV701144, AW960705, BF028851, BE245858, BE882775, BE274604, BE170497, BE565880, BE543312, AV763237, T30659, BE972450, T36307, AW844661, AV735121, AV763241, AV716983, AA207131, AV704933, R10567, AA341545, Z19513, R00732, AL036067, R07573, R00641, AA251223, BF209242, N53922, AI084025, AW844819, AW772507, AA476649, BE707511, AF117230, AC018812, AC020751, AC087095, AC068314, and AF229032.
HRADL60	859	874960	1 - 1645	15 - 1659	BE888196, AW384788, AW964389, BE931480, BF038263, T27255, AW384791, AW836699, AW631098, AA304886, AA099378, BE565374, AA451957, AA505179, T34664, BE220605, AA009984, AA281712, AI942304, AA304597, AV748389, R86031, AA405783, H72221, BF995073, BE167971, N28524, AA299273, AV648271, AW805908, AA443927, R30666, AA405718, BF755461, AA444106, BF112167, BF931193, AK025713, AC005702, and AC004167.

HWLMB5 5	860	875096	1 - 1935	15 - 1949	AW959192, BF945237, BF816021, AW804037, AI240393, AW079532, BE858477, AA233899, AI378406, AI334149, AI377537, BF726360, BF724589, AI373157, AI682218, AW879254, AA917421, BF095556, AI302603, AI275504, AA878927, BF095624, AA687886, AA989418, AW150835, AI057286, AA358936, AA359473, AI499788, AI300066, BF095734, AA991861, R00226, BF215967, AW189691, BE741600, AA234127, BF960074, R00332, AA47855, AI118696, BE936719, AW879257, AW879253, AW392552, AW994585, AW392555, AW014053, U46347, AW271265, AK025273, AX035283, AK026918, U06713, and Z64069.
HUSGZ51	861	875230	1 - 1736	15 - 1750	AL517634, AL517971, AL515989, AL517972, AL515988, AU118450, BF686315, BE314606, BE311983, AU134418, BG176571, BF797461, BG176602, BE732624, BE297927, BE888878, BE902600, BE896889, AU136579, BF975619, BF306037, BE409563, BF794819, BG178336, BE251813, AI087290, BE255925, BG026595, BE254667, BE280340, BE408438, AA314782, BE267498, AW179125, BG121337, AA523272, BE900932, AI560684, BF313784, BE250782, AA579606, BE296863, AA640956, BG236079, BF211969, BE278280, BE672516, AI720545, AW851439, BE221249, AI074178, BE298962, AU159875, AW149795, AW410915, AW166078, BE260235, AW118155, AW960580, AU155010, AA205791, AI391438, AI765281, AI609316, AW608819, BE162597, BE301012, AU145006, BE674727, AU146132, AA307196, AA121597, AA315619, AI953795, N52021, AA779860, AW410914, AA703024, AA209384, BF674949, BE205754, BF541257, AI281937, AI310367, AI144263, AI344516, AI831727, W86254, AW302283, AI340041, AI279307, BE880639, AI436289, BE279603, AW105659, AA633097, AV737941, AW510312, AI695155, BE900356, W32418, AA551904, AA148974, W74338, AA421728, W93878, AI358041, AA197331, AI095949, AV709826, AA765423, AA505683, AW851262, AW305323, W44995, H59781, AW954290, AW264214, AI919481, AA188271, T36279, AA151175, AA291907, AW302470, AW341966, AA505639, AA605045, AA908343, AW440055, AA151174, AA221000, N75397, W42974, AI613309, AA489080, AA293613, AI720799, FI2658, R92424, AA375932, BF527093, H89645, AI609078, AI915333, AA361612, AA385968, AI216131, AA577628, AA167443, FI0273, AA917404, AA908807, AI022478, AI699705, N54634, AA205790, AA148973, T74241, W86272, AI918214, W05068, BF764918, AI565022, AA877979, BF740676, R06594, AA353399, W42975, BE019031, AI886523, R06593, AA831892, H59782, T16649, R06648, AA377635, R06649, AA327430, AA782357, AA706130, BE937092, BE547170, AA093998, H89499, AW264309, AW291011, AW876946, AA249242, AI752596, AW875704, AA888017, AA877802, AW169510, BF083673, N40506, AW273061, AA339272, W07625, W79791, W94149, AW179204, H95275, H04095, BG151465, BE938656, BG151073, D11556, AW376214, AB026125, AX048087, and AK001028.

HWDAN8 6	862	875249	1 - 1191	15 - 1205	BG029466, AV706034, AI222785, AI598156, AA131643, AA626884, BF036649, AI571234, AI094146, AI608599, AA203111, AA770214, AI338243, AA436283, AI085480, AA577314, AA436157, AI224507, AW081389, AA131533, AA934527, AA631769, AI348255, AI870284, AI278842, AA971726, AI369248, AA551996, AI274146, AA279453, R63988, AA021050, AA517781, AI869674, R78856, BG056695, AA551934, AA678694, AW151699, AA284976, AI202603, BE740841, N64789, AA471054, AA730072, AA324335, AA707878, BE774969, AI081594, BE717107, AI520678, AI263743, H95836, N76200, BE770889, T15486, N80747, H30520, BE673804, AI918182, AW675278, AA283618, AI474363, BF806759, AI097586, AW135978, AI206104, AI242964, AA939087, R69061, AA922420, BE770975, BE879846, AA291551, AA872629, BG056718, BE223034, AA742282, BF111769, AI340009, AA770407, AW873159, AI301870, BE206676, BG056655, H05532, R34726, AI278735, AA532553, AI203119, N52849, N22046, AA962696, BG055182, D25896, BG011166, R23915, AW131992, H44615, AA419231, R49598, AA425955, T34728, AI718310, R79345, AI805179, BF840958, T46915, R63904, AW292997, BE208400, AA365446, C02552, AW371102, BF825608, BG010487, BE717176, AI651804, H95835, AI074093, BE903315, AW071145, AW952487, BG254191, AL021155, AX018173, and AX018065.
	863	875269	1 - 457	15 - 471	AC010868.
HFBION06	864	875295	1 - 2283	15 - 2297	BF966926, AI096371, AW026983, BE671144, BE675256, BE856985, BG112325, BF313094, BE387702, BF527842, BE892016, BF791888, BE313399, BG030121, BF312239, BE395476, AI813506, BF568526, BE671545, BF126007, BE258514, BE018768, BE261326, BE784516, BE392280, AI022087, AA292263, AI814357, AA278622, BF526583, AI417005, AI952295, BF114754, AA488980, AI703092, BE675183, BE257824, AI922942, AW583230, AW411172, AA706326, BF433201, AW968974, AI222918, AI378263, AI275108, AW072442, AA009977, AW500651, BE313282, AI417028, AA461282, BF829851, BE543646, AI809307, AA485429, BF528516, AI283280, AI159815, BE383669, AI625949, AW193443, AI423425, BF836072, AA022909, AA278619, BE794420, BF836066, AA557198, AW104920, AA485593, AI057476, AI272950, AI334199, AI742862, AI033680, BG261000, AI087943, AA626036, AI805266, AA022977, AA460972, AA258336, AA804522, BF836062, BF870248, BF801885, AW136424, BE676774, AA844188, BF940449, BF509137, AI740853, AA278946, AW978449, AW401969, AW139461, AA040603, AI214120, AA063603, AW409894, AI424954, AI831028, W84629, W79625, AI568977, AI291416, AW473862, AA489202, AA488758, AW207462, H10442, AI038632, AI347231, AI564834, AW193442, AI799803, H51352, W79481, AI263269, AI359853, AI828643, AA854136, BF823633, AA258500, AA053907, AI017828, AI244605, BE302331, AA843762, AI986253, BF877350, AW262045, AI432653, BF804301, AW382297,

HAPO057	865	875330	1 - 2878	15 - 2892	<p>AI18809, AI122704, AI14320, AI566791, H40417, AW190837, BE772525, AA428327, BE677447, AA054223, AA036685, AI206428, AA057616, H50514, AA115033, BF568836, AI205680, AI609781, AI086031, AI476664, AI804628, AI587435, T15462, AA115505, F26592, AA829838, M62143, AA588074, AA493185, AA635546, AA516290, H45601, AA705407, AI523980, BF057494, AI349422, AI882342, AA854370, AA040686, AA018100, W84680, AW381714, BF742078, H45660, BE843327, BE243712, AI523662, BE720180, AI559721, AW601952, AW576325, AA047781, AI813689, AA149257, H40805, N93711, AA428852, BE832334, BE938371, AA504224, BE799430, BF886483, BF944304, F35198, AA811062, BF756782, F27420, BF756715, BF663277, BE938291, BF326394, R90839, AI000486, AA149272, F24350, R47803, AA830623, W21098, AA844116, H10443, BF088729, AA009978, AA853670, AA065147, H65177, BF761729, AW407536, BE243713, AW601824, H65121, AI344593, AA768075, BE070423, BF438701, AI343686, W42938, AA890426, AI824215, BE929287, BF757566, AI915445, AA018099, BE870086, BF836067, AA830406, AW768975, AA729090, AI619647, BF758306, AW411171, AW661913, AA996026, AC004528, W42874, AA962138, and AA975654.</p> <p>BE897903, AI207720, BF968082, AW953725, BF380509, AV698376, BG023942, BF572409, BG107589, BE738071, BF795586, AI568519, BF184542, BG114226, AA143047, BE393275, AW515777, AV714869, BF541469, AW168109, AA609408, BF669653, BF115650, BE867879, BF357377, AA868581, AW242902, AI057606, BF029429, N56907, AW966802, BF357352, AA481152, AW664127, BF239712, AI623695, AW664580, AA288023, AI539097, W51975, AA477324, AI571853, AI190703, W48680, AA150906, AV712744, AI051340, AI050869, BF209797, AI979017, AA479639, BF764926, AI336466, D19589, AW058037, H97703, AW964417, AA632153, AA434552, T30222, W90679, BG054859, AI591175, BE738227, AI440180, AI828435, AW900007, AW193921, AI364090, AA481230, AA403025, AI889568, W15362, AA917662, AI159897, W79496, N55040, AW105662, AI095249, BF983593, W38894, AA480262, W69239, W78146, AA742943, BF928514, AA769381, AI524433, AA427919, AW771872, AA405004, T10077, AA004675, AA551723, AI912293, W69113, AW675144, AI243906, BE328526, AA303149, N38921, AA293356, AI347437, AI910478, BG150250, AI970032, R65611, AI873930, AI097122, AA354187, AA764765, AA348250, AI587352, AA398425, AI500572, BF799732, H03063, AI220688, H03062, BF880217, N59269, N51221, BE242544, AA281842, Z40916, AW078605, AA318719, AA318431, Z45191, AA004254, AA283937, R18355, R18529, AA318723, AA352306, AA348251, R21184, H96302, W39321, R22802, AI368470, T10076, BE089090, N75368, AI914889, AI671045, BF919661, AA367666, W90680, BE766137, BF737592, BE208678, R41519, N46493, AA431472, AA292820, R42559, AA541549, BE006628, BE148919, T24635, AW380917,</p>
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					BE565258, BE818245, R61333, AA094363, AA367665, BE006624, N76739, BE302651, R28832, BE765611, W01812, BE765929, BE765675, BE765585, BE765976, BE765793, AA398225, H08711, BE765898, BE006623, AW009946, BF817156, BE148946, BG166937, BF977054, AW752821, AI225015, AW438413, BE714408, AI439406, BE150353, AW276441, AW376950, AW376951, BF894381, AF130099, and AL110135.
HCRG59	866	875405	1 - 742	15 - 756	AU118469, AI275431, AI168345, AA406609, AI280460, AA411636, BE930682, AI627293, AI628781, AI241297, BG259760, AA317871, AA598485, AI360110, AI968510, AI498174, AW468650, W02842, AW664912, AW954896, F34577, BE670348, AW665568, AI697614, AW079061, AI200289, AI804773, AA502751, AU145024, AI694751, BF846058, AW173045, AW300325, T49800, H85591, AA993934, AA468896, AA098853, H86495, AA039749, AA889681, AA909667, W87459, AI764965, BF930587, AW083698, AK001031, and AC005746.
HDTBL01	867	875452	1 - 919	15 - 933	AA203532, BE205946, BF796272, BE733004, BE384865, BE793374, BF315994, AL533065, BG253716, BE266999, BE790811, BE796063, BE893286, BE797306, BF311451, BE900405, AL533064, BE252440, AI885145, N93693, N41419, AA025727, AA845624, BF662920, BE673502, BE409052, AA004723, AI659644, AA854840, AW027228, AI741432, AI924412, AI096633, AA775840, AI799560, AA861825, AI086427, AI609775, AI332770, AA043284, AI147012, AI093396, AI334098, AW339068, N36820, AI127039, AW152492, AI310403, AI479699, AI333810, W37902, AI026761, AA779438, AW016793, AA846751, AA883270, AA043623, AA768520, AA481110, AA595137, AA599087, BE397162, AA004625, W21031, AI493429, AA705148, AA729311, W69693, AI609767, F24839, AI309955, AA147299, AA394002, AA725144, AA847834, AI028144, AA284640, F36989, AI015001, W46526, AA577464, AI074328, AI199865, AA719946, AI368754, N46038, AW952050, AW974250, AA700697, AI249119, AI284226, AA399341, F26291, H66106, AA639243, AI198805, W37962, AI863889, AI364330, AA639095, BE263224, H95487, AA834779, AV695666, AI204589, AA504802, AA480281, AV691477, W16986, AI300686, H66059, AI184257, H22374, AI357340, AW264139, AA638994, AA025726, H93397, W05101, R33568, BG165558, AA386074, AI268427, AA731877, H94967, AA282671, AI310952, H81961, AA846871, AA907906, AA983160, AA317755, AI088526, AI033455, BF209411, AA304404, AA834753, N74712, R33466, N92916, W04851, C03398, AA593219, AA356363, AI095031, AV654718, AI707597, AW162955, AA147187, AI968038, H93396, T25738, AX011676, AF250841, AL137489, AX012188, and AL262007.
HHEFY07	868	875510	1 - 539	15 - 553	BE177664, BE729827, BG121760, BF338210, BE172927, BF367007, R69492, AI889082, and AL158049.
HOFMV44	869	875558	1 - 1342	15 - 1356	AW968462, AA459463, AI219490, AA705318, AA459242, AA574007, N44974, N33185, AI246251, AW270960, BF439150, W96335, AI247249, AW118922, BE815328,

HSLJN60	870	875559	1 - 689	15 - 703	BE815333, AL049870, and AK000088. BE545153, BF848801, AA043203, BF848741, BF848765, BF804475, AA633788, AA779964, AA077596, BF801908, AA993172, AA721605, AA993810, N58116, W02490, AA250756, AA410936, AA812535, BE876668, BE972250, AW105026, AA978273, AA912417, AI015512, BF819706, AA323882, N74558, AC002542, AF234883, AJ277291, AF234882, AF234884, and AF234885.
HWHGQ4 4	871	875575	1 - 1225	15 - 1239	BE396242, BE883111, BG258182, BF905988, BE764655, BE779317, AW801067, BF815789, AI688169, BF528944, AA338146, AV690655, BF926557, R89027, AW801625, AA342099, AA339528, R73223, RI5670, AA366174, BE181430, BF925266, BF926347, AW891182, BE764630, AW579250, AF252258, D86970, AF104984, and AB026497.
HCQDA63	872	875590	1 - 1415	15 - 1429	AL538426, BG167517, AV722943, AL538427, AV722721, AW589944, AI522107, AW590231, BF062663, AV714268, AV724112, AI378319, AA234318, AW614238, AI692527, W38548, AV704397, AI290259, BE464619, AI470641, BE045840, R19919, AA234561, AA973961, AV702216, F11345, F09005, R45139, BE671396, AI470879, AW132159, BE326399, AA482991, AA988920, AA146698, H59248, H28631, BF445024, H28612, AA205262, N56056, AW972158, BE544675, N90091, AA095089, H68801, AI341225, BE396063, AW001798, AA205188, AW852858, AC004067, AC002091, AC003695, and AL133240.
HMUBG89	873	875597	1 - 791	15 - 805	AU159073, BE549541, H98768, BF694425, AI300431, AW630304, AI076535, AI082879, BF510340, BF438110, AI689961, H03865, N33061, AI701454, AI458282, W07734, BF195232, AI263212, BF093304, R46614, T67479, AW615056, AI991356, AI654356, N78714, AI696043, N23489, and AK023901.
HCFC58	874	875638	1 - 2215	15 - 2229	AL533103, AL527989, AL528652, AL523047, AL527057, AL527093, AI530947, AL523026, AL527988, AL528651, BG028753, BE906415, AL515511, AL530946, BF795026, AL524166, BF529536, AL524167, BG109320, BG117399, BF109728, BG108337, AI373860, AW474739, AI142548, BE645078, AI160244, BE409222, AV748964, AI803364, BG253740, BE674527, AA732841, AI435516, AI095583, AI076620, AI167180, AI936640, BE858213, BE410603, AI339776, BF195536, BF195714, AA969232, AW593262, AW137670, BF056059, BE670549, AI391504, BF112238, W68702, AW207539, BE644982, W79914, BE537964, BF526060, AA917467, AI459137, AI148710, AA287408, BE327654, BF115279, AI762559, AI040652, AW026057, BE464991, AA522920, AA866005, AI016161, AA055361, AA625635, W23647, BF590067, AA707093, AA913826, BG014310, BF430963, AI083994, AI015839, W69531, AI796928, AI890078, AI830098, AA937098, AA305157, AI581290, C01766, AI050874, AW583835, AI199472, BF002462, AI097584, H92773, AI074517, AI074538, AI151312, AW028614, BF112128, AI674344, AA305656, AI990059, BF437108, R62238, BF940920,

					<p> AI095293, BF111223, AI052777, BE538620, AA287357, AI085262, AI354825, AW629524, BE887668, AW665508, BF196713, AA282043, BF116150, BF222052, AI828501, AA989141, AI936558, AA917921, AW207658, AA581990, H66449, AI809556, BG014227, H66448, AI087807, AA976485, AI089883, AI161211, AW102710, AI370809, BE676767, AA282205, AA358542, AW054857, AA810757, F13499, AA876563, AA215693, BF948701, AI084131, AI828164, W74293, F22539, AI870008, AI671095, AA476727, BE876093, AA404240, AA831950, BF941746, AA026585, AA370269, AI359885, BF057328, AA631293, AW340672, AI121501, N31738, D19607, AW470863, AA423998, W68795, BG014223, AW301681, AA037423, AA744671, AI498589, AW518575, AA705091, AI185927, AA425621, BF196679, W24523, BF195246, BF432112, R83202, AW072175, AA886734, AI568422, AI128796, BF195629, AI423010, W39033, N92339, N27093, BE327180, BG014314, AI906207, AI354764, BF196187, AI829997, BF870069, AI216318, AI292222, W24115, AW627992, AI700186, AW166486, AI808019, AI417379, AI274365, AI192992, AA327411, AI801970, AI560400, AI334057, AW205138, AW135446, AI356227, AI418487, AI334250, AI301676, Z39418, AW206667, AA026695, BF817268, AA449697, AA307877, W69448, AW136707, AI356196, AI858772, AI268621, BE504370, AW054727, AW206873, AI077709, AW300595, AI394380, AI369492, AI300626, AI702163, AW137374, BF832752, AI366348, AW104420, AW628019, AI354931, AW137612, AW779061, AI349587, AW072219, AI300618, AA362894, AI356229, N92547, AB030186, AI132110, A62300, AB028859, AF058696, A62298, AR018138, A84916, AR008278, AR087649, AX033851, AX027925, AR070327, AX047063, AX047064, A82595, AX021518, AB002449, X67155, AR060385, Y17188, D26022, Y12724, AX035434, A25909, A94995, AX028130, AX020191, A67220, D89785, A78862, D34614, AJ302649, AX020190, AR008443, I50126, I50132, I50128, I50133, AX047062, D88547, AR066488, AR016514, AR060138, A45456, A26615, AR052274, X82626, AR054175, AR074139, Y09669, A43192, A43190, AR038669, AR066487, AR074136, I14842, A30438, AR025207, Y17187, A63261, D50010, AR008277, AR008281, AR091537, AR062872, A70867, AR093385, AR066490, I79511, AR016691, AR016690, U46128, X68127, AR008408, I18367, AF260572, X64588, AR077702, AR074545, AB012117, D13509, A64136, A68321, AR092424, AR060133, AX015396, AF123263, AR071754, AI287395, Z82022, A85396, AR074141, D88507, AR066482, A44171, AR088705, AX042372, AR032065, A63887, AR060382, R05573, R83201, AA026584, AA282321, T12621, F10607, and AI471239. </p>
HWLMC4 9	875	875704	1 - 619	15 - 633	<p> AA827244, BF685458, BF508881, T79702, BF678577, T82086, BF750493, AW854300, AW754459, BF736361, AW749155, AC010326, AK000820, and AK026676. </p>
HFCDF47	876	875724	1 - 1163	15 - 1177	<p> BE735031, AI817320, BF873444, AI147544, AI669712, AA610839, BE267317, AI955720, AI056448, AI056793, BF437764, AA402968, AI982764, AA909968, </p>

						AA643704, AV698895, AI499360, AW169601, AA832501, AI284966, AW272685, AA665839, BF855848, AV723055, AW627947, AA922928, AA653898, AA470857, AA911776, AI359243, AI423624, AI587214, R14201, AA316613, AA883307, R37484, AA531527, N74317, AI089835, BF930907, BF222502, BF858992, AA915883, H04547, AI381713, AW961300, AA702343, BF858981, BF792318, AV690851, AW969352, H04468, AA059276, D30942, W05225, and AA401934.
HCRNJ24	877	875794	1 - 741	15 - 755		AA827926, BF593180, AI860653, AW161711, AI808773, BE673369, BE738694, AI636695, AA741501, AA740727, AI889967, AW853885, AW070423, AI075387, AW591180, AI754281, AI300905, AI150922, N62430, BE549526, AA142986, BF939598, AW243049, BF791127, T88858, BE935223, BE747336, AW298247, N67204, AI866174, BE737323, AU138991, BG034563, AA150916, BF894218, AI830959, AW361300, BE940709, AA630806, BE738126, AC006011, and AK002156.
HCRNT27	878	875817	1 - 542	15 - 556		BG023796, BF754616, BF309111, BF306586, BF973469, and AL035461.
HCQCC37	879	875825	1 - 594	15 - 608		AL046573, BF372979, and AF236061.
HFXXZ44	880	875911	1 - 514	15 - 528		AW960442, AA159569, AA305680, H64054, BF346733, and AK024637.
HWAAD1 5	881	875938	1 - 709	15 - 723		AI479334, AL525015, AW977338, BE221343, AU149247, AW438880, AI969482, AA740980, AI151466, AI670122, AA877322, N63143, AI422330, AA694453, AA766111, BE394853, AI277749, D20155, AI633803, AA910174, AU131672, AW002649, AF102851, and AK022700.
HDABX38	882	875997	1 - 1078	15 - 1092		BE731020, AU134027, BG258299, BE747762, BE882028, BG253085, AL044251, AU125948, BE781890, BF747692, BE869313, BF331660, AW812549, BE875296, BF747701, AA471381, BE172584, BF747559, BF688342, AL536911, BF331648, BF331653, AK000318, AK022744, and AK023347.
HETJZ14	883	876053	1 - 2977	15 - 2991		AI828035, BG252052, AV756210, AU123887, BE786223, AV701078, AV655712, BG165299, BG257125, BE617430, AA741569, AA723133, AA810931, AA465301, AA831595, AA521126, BG107088, AW470768, AA004609, R70874, AI004766, W27345, AV755560, BF213612, AW958490, AW504907, AA223681, AA765139, N55743, AA309793, AI547174, D30931, AW006835, BF031489, BG169549, AV749644, AA385103, BF572774, AA188081, AA210803, BF216538, AI792960, AA766608, BF691749, T93982, AA074968, AV758414, AA641746, AI928011, AV717340, AA766506, AW999671, AA974976, AA248504, BF577234, BF679448, BF028390, BF690890, AI564468, BE241647, BE087801, T18521, BF690968, BF130452, AW947064, AI634813, AF158555, AF097492, AB020645, AF223943, M65150, AK001220, AK025021, AF097494, AF279697, AF097493, AC005540, M22586, AF097495, and S80644.
HFCFB73	884	876111	1 - 2141	15 - 2155		BG171706, AU123343, BE8891580, BE874295, BE616374, BF691382, BE272309, BE905589, BF205087, BF339506, BE781116, BF689464, BE790068, BG171568,

BE891260, BG027340, BE740064, BF038581, BF308118, BE746860, BE275518, BF797209, BE866834, BF530627, BE868265, AI765620, BE394238, AA725071, BF205315, BE735628, AV695789, AV691685, BF978180, BE304656, BF131943, AW993028, BF701185, BF029881, BG122640, BF724883, AW271710, BF306634, BE890307, AU129426, AV692294, BF308542, BE549980, BE855449, AW299864, BE936367, AI916562, BE936346, BF088035, BF244421, BF088014, BF449073, BF088012, BF088026, BF130329, BE936324, AI634990, AI654165, BF593983, BG165351, BF939873, BF088032, AU151546, AI991405, BF923670, BE936318, BF088037, BF592056, BG250837, BF088024, AW168930, AW750352, AI670830, BF088028, BE936364, AI983985, BF088019, BE275459, AW602075, AW750348, AI570128, BF182742, BF197216, AI749744, AW000916, AA861614, AW009948, BE785660, BE349529, AA704525, BF203431, AI276897, AI955276, AI676055, AU126667, BE549294, AI492455, BF203360, BF898194, BF880528, BE936352, BE468207, BF102773, AA890343, BF983492, AA430567, AW167370, AI681128, AI796805, AW275120, AI089414, AI659635, AW419101, AI635116, AI700668, BF971066, BE221529, AI968287, AI361022, AW592400, BE858834, AW276391, AW614823, AI121534, AI912091, AI935478, AI955265, BF573804, AA699534, BE857580, AI216100, AI718821, BE349946, AA587495, AI935972, BF821491, AI025329, AA030011, AI308169, AI342565, BG012643, BF923020, AI300305, BF848195, BF436974, N38817, BF898192, AA189132, AI298732, AI628899, AA404726, AA704532, AI018477, BF572796, BE302369, AW752990, AA115429, AA628480, BF088010, AA774557, AW752951, AI131166, AW752948, AI686341, AI160398, AA55219, AA045856, AW752946, BF923688, AI983713, AA780575, AW752986, AW512904, BE677404, BE074717, AI917769, AW384997, BF446418, BF108993, AI350088, AA774568, AI094833, AI207172, N98698, BF062926, BF928253, AI095199, W31093, AA216738, BF240462, BF880533, BF923693, AI828631, AI356898, R24001, AI251444, AI827291, AI263986, AA115428, AA190469, AI347097, AA922079, H05681, AV687358, BF218904, AA911845, AW022361, AW827086, BF923018, AW897464, BF365255, BF801661, BF332864, W95063, N66175, T51687, H83131, R74559, AW471002, BE762765, AI356017, AW341133, AA216518, BE549357, H83132, AW071576, BF247697, BF306125, BE762774, BG011025, H44274, BF923679, R51880, BE762767, BE548022, AW295813, AV684676, AW086147, AW898923, AI203034, AA766045, AI431971, T09309, AI823509, R62584, AI334626, AK001484, AF151803, AL049839, AI353678, AK025958, I48978, A08910, AF116682, AB041801, S61953, I89947, A08916, A08913, AB048974, AF119843, AK026452, AF113694, AF130082, AK027102, AF119871, AK000074, AK025708, I48979, AK000618, AF158248, AF271350, S78214, AL049466, AK026647, AF218034, AL162062, AF130075, AF113690,				
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					<p>I89931, AK025339, AB048954, AF138861, AR087170, I09499, AL359615, A08909, Y11254, AF116691, AK024538, AK026480, E02349, AK025092, AL117457, AL137550, AR011880, AF116639, X82434, Y11587, AL133080, AF130087, AF090900, AL359620, AJ012755, AL133560, AL137539, AF028823, AF130055, AL389983, U78525, AL050138, AL117435, AL389935, U91329, AF116631, AR038854, AF091084, AF017437, AL137283, AL049938, AK000212, AL162006, AL133075, A08912, AB019565, AL049300, AK000083, AF125949, AL050393, AF116602, AK026608, AL050146, AF116644, AK000614, A18777, AX040958, AF113677, AF119899, AB050418, AF113699, AF119878, AL049452, AB007812, AL117649, AL050116, AL133016, AF177401, AR034821, AL137548, E07361, AK026784, AK025391, AF130059, AL122106, AL117583, L31396, AX006092, AF260566, AF090901, L31397, AL133565, X63574, AF119875, AF113689, AL122121, AL137478, AJ000937, AB047615, AK025414, AK026797, AB050431, AF090903, AF119856, AK026556, AL122093, AL389982, AL137292, AF130054, AF104032, AK026542, AL389939, AL049464, AF090934, AK026045, AK026855, AJ301634, I66342, AB047904, AB049892, AL122110, AF113019, AK027096, AL137557, AL133093, A08908, AL110196, AK026630, AK000137, AR075044, X70685, AK025084, AB038698, AL137459, AK025435, AF116646, U00686, AL133606, AK000250, AL117578, AF114170, AB052191, A65341, AL050024, AL122050, AL133640, AK026744, AF130105, AL117460, AL359601, E07108, A45787, AL050108, U49434, AL353940, S76508, AF113013, AK026462, AL157482, AL050277, AF116688, X87582, AK025967, AB048953, AK000445, AK026626, AX019230, AK026741, AK027204, AF111849, AL117585, AL133557, U00763, U42766, AF008439, AL122123, I89934, AK026534, AF130104, AB051158, AK000636, AK027081, AF097996, E05822, E04233, AF177336, AL359596, AK025375, AF217987, AL110221, AF113676, AL096744, AF081197, AF081195, AB034701, AX026824, AX026823, A58524, A58523, AL122049, AK026583, AB050410, AL133081, AL049430, X84990, AL050149, AB052200, S77771, AJ003118, AL133077, AL110225, AK000391, AL080148, AL133072, E01614, E13364, AX019229, AF227198, AK026793, AF130110, AL049314, AL133067, AF090943, AL357195, AL162008, R20396, R22023, R22076, R24167, R43514, R62585, R74460, R79503, H05682, H41654, H48324, H53895, H67770, H67771, H78112, H78111, N36636, N45446, N49971, N54046, N62548, N66781, N67446, N77843, N79216, AA017568, AA028993, AA045973, AA188847, AA191411, AA580842, AA765554, C21303, AA853335, AA853334, D25572, AL468840, AL540820, AL583730, AL220633, AL206462, and AL27213.</p>
H2LAJ32	885	876142	1 - 807	15 - 821	<p>AA313981, AA513970, AW966065, AW975618, AW966053, AW978648, AW966075, D80022, D59787, AW949656, AW949655, D59927, D59502, D50995, D80391, AW975621, AW960465, AW966013, AW966531, AW978634, AW949631, AW966534,</p>

					<p> D81030, AV718770, D80188, D80166, AW949654, AW949642, AV718844, D58283, D80212, AW966022, AV720211, AW959799, D80196, D59619, AV719324, AW966029, D80210, D80240, D59859, AW966041, AV724520, D80195, AV720203, D80193, D51423, AV723927, AW978661, D51799, C14389, D59275, AW960553, D80253, AW973541, AW973334, AV719822, AV720791, AW966054, AV718489, AV718692, AW964756, AW966050, AV719188, AW973307, D80043, D80227, AW966062, AV718440, AV718938, AV719783, AV720028, AW959597, AV718633, AW959628, AW965177, AW975605, AW959570, AW964488, AW965163, AV718800, AW973485, AV718931, AV720464, AV719557, AV720731, AV699447, AV722801, AV699550, AW949641, AV699927, D80219, AW959202, AW962245, AW962082, AW949643, D80164, AW949618, D57483, AW956434, D80269, AW958992, AW958993, AW959136, AW959062, AW964477, D80366, D80038, D50979, D59889, AV720812, AW960564, AV721386, C14331, AW949653, AW949633, AV719468, T03269, AV718707, C15076, D59610, AW965158, AW949629, AW949645, AW949646, AW949632, AW949658, AW965197, AW949657, D80378, AV720654, D80024, D59467, AW973474, D80045, AV723097, AW753053, AW956397, AV701004, AW965185, AW965184, AW966043, AW973447, AW973330, C14429, AW959469, AW752082, AW966059, AW178893, AW959582, D80241, AV700889, AV742001, AV742667, AW973488, AV701125, AW965175, AV701335, AV701419, AW973482, AV701166, AV742430, AV701149, AV701043, AV701332, AV701017, AV701248, AV742048, AV701431, AV700229, AA305409, AW960504, AW966023, AW975613, AW960473, AW965196, AV720878, AW964737, D51060, AW975623, AV699669, AV701154, AV701422, AW960570, AW964766, AW951169, C75259, C14014, D51250, AV699746, AW960454, AW973465, AV701443, AV744690, AW966560, AW965176, AV718530, AW960532, AV719628, AV701130, AV701415, AV701344, D80134, AW179328, AV719049, AW178775, AV699682, AW352158, AW966030, AW378532, AW960474, AV645344, AV720607, AW177440, AV719000, AV645389, AV681510, AV681491, AV699479, AV701428, AV701357, D81026, AW966032, AW973470, F13647, D51022, AV681529, AV645343, AW369651, AW949630, AV745080, AV700622, AW964468, AV742022, AW753041, AV721784, AW964532, D80268, D80522, AV720533, AV701330, AV720150, AA305578, Z21582, AW973423, AV718674, AV700159, AV681468, AW966049, AC007695, AX047063, AX047064, A84916, A62300, A62298, AX027925, AJ132110, AX033851, AR070327, AX021518, D26022, AX035434, A25909, Y17188, X67155, AR018138, AX020191, A67220, D89785, A78862, D34614, AJ302649, AX020190, AX047062, D88547, X82626, AF058696, AR025207, AX028130, AR008278, AJ294956, AR092424, AB028859, Y12724, AF260572, AB010386, AR087649, AR074545, AB012117, AX015396, X68127, AJ287395, A85396, AR074141, AR066482, A44171, AR088705, </p>
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					AX042372, A85477, A94995, I19525, A86792, AB002449, X93549, A82595, AR008443, AR060385, I50133, I50126, I50132, I50128, AR066488, AR060138, AR016514, A45456, A26615, AR052274, AR074139, A43192, A43190, AR038669, Y09669, AR066490, AR066487, AR074136, AF135125, I18367, A30438, Y17187, D88507, AX035429, D50010, AX035428, AX035426, A63261, I14842, AR008408, AR054175, AR062872, AR091537, A70867, AB033111, AR093385, AR016691, AR016690, U46128, A64136, A68321, AR008277, AR008281, D13509, AR064240, AB037923, AR060133, AR087528, X64588, U87247, I79511, AB023656, U79457, AF123263, AR032065, AJ000347, X93535, and AR008382.
HTPIQ89	886	876198	1 - 868	15 - 882	BF508637, AI808815, AI457550, AI911077, AI658931, AI916359, AW009684, BE962972, AW072228, AA579578, AA622141, BE873629, AW973509, AA295027, AA552628, AA594836, BE829872, AA551833, AI167645, BE829868, BE829869, BE829871, BE829870, BE829875, BE829925, BE829863, BE829935, AA576815, BE829887, BE829862, BE829922, W23220, BE829896, BE829884, AF114127, BE869579, AK025424, AB014603, and AL137668.
HTDAI12	887	876209	1 - 1087	15 - 1101	BF848594.
HWLGV14	888	876226	1 - 1299	15 - 1313	BF525338, BF344910, AW860522, AV715407, AF063527, AA573785, AW578252, AV657500, AI421829, BE439672, AI889106, AV713750, AW602040, AI815098, AW082282, AI444641, AW151910, AW602036, AA309046, AW251068, BF433428, AW967154, AI688082, AI935867, AA903732, AV682818, AI342309, AI469758, BF803392, AI301940, BE065335, AI336447, AI660665, AI625318, AI636809, AI559518, AW869448, AI216199, AA974182, AI336445, AV652658, AI476296, AW571542, AI272699, AA865622, BE065255, BF815382, R95048, AI832439, AW939111, AW939116, AW576712, AI908555, AW079674, AV657484, AW576713, BF906388, BE793561, AW802219, AV693996, AW276067, H71284, AI290972, BF342450, AI659188, H41084, AW802076, AV657785, H39231, AV734833, AI865986, AI333305, BF804890, AV656418, R76336, AI914585, AW984005, BF906389, AI590410, BE764658, H12385, AW613578, AA987621, AW886586, R48364, R94963, AV732819, AA639087, AW768254, C20912, AV654089, D45438, BF806092, AV747482, AI274107, AI720940, H70884, AA372940, AW881342, BE793009, AW576709, AW250334, AW887298, AW630142, H15022, AV748922, AI244423, AW192993, AA935031, AW801802, AW797240, AI199655, AW885618, BE796593, AI199654, AW885295, BE834145, H15021, AW885949, BE833516, BE828944, BF757501, BE834348, AW835280, BF525916, AI832803, AV694401, AA593195, BF948168, AW269879, BE154329, AW881925, AA886276, BF818724, AW886501, AI225252, AV699161, BF447300, R45920, AV699206, BF871123, AF115384, AK000841, and AC006479.
HCOBI31	889	876372	1 - 543	15 - 557	AI491957, AA446825, Z42384, W86347, AK024715, AC002064, T73581, T73682,

						T89320, T89957, R27248, R27450, R48643, H84547, H99963, N28347, N63131, N64745, N76150, AA047464, AA047398, AA086034, AA099567, AA099657, AA165569, AA169522, AA169441, AA173617, AA173616, AA169406, AA215775, AA251330, AA251391, AA258330, AA258494, AA258798, AA258704, AA258149, AA258122, AA419346, AA602860, AA622286, AA683139, AA683138, AA713685, AA743062, AA807661, AA825739, AA825993, AA828448, D78955, N87351, AA165525, AA210972, AA211395, AA416558, AA845854, AA971491, AA985073, AI023629, AI073499, AI090846, AI092089, AI093295, AI096814, Z41403, Z45751, AI302012, AI357671, AI367709, AI367710, AI201715, AI202745, AI445483, AI433348, AI478813, AI146981, AI151439, AI184769, AI658554, AI521058, AI537563, AI301471, and AI634487.
HE9RM22	890	876418	1 - 1751	15 - 1765		BF792515, BF445026, AI492422, AI357898, AW296940, AA931635, AW296456, AI038836, AI265919, D59291, AA694009, AA700680, H06163, H66881, R23681, T86478, T86479, H81425, AI016343, Z38898, T16577, Z42746, Z42275, T89377, and AK000307.
HMUBP81	891	876452	1 - 1153	15 - 1167		AL519552, AL519553, BE744651, AW955259, BG030474, AI279547, BE383900, BF111612, BF979231, BF027435, BF031170, BF979063, BF691346, BF573580, AI083565, BE783877, BE727892, BE349548, BF979017, AI804064, BE891596, AA252212, BF248350, AA306506, AI083894, AW183913, AI288218, BE894847, AA973053, AA252213, AI440455, N23315, AI300175, AW152434, AW978595, AI864289, BF570825, AI217669, BF184326, BF571642, N32475, AA825339, AI564974, AA765563, BF572079, BF570890, N23439, AA234876, AA235303, AW953536, T47445, AW592983, AA311785, AI147554, AA738131, AI560760, AA993026, BF989651, T90472, AA573442, AI279529, AA193637, AV740759, H11688, AI937674, T47444, AA740441, D81882, H96821, T83136, BE539485, AI219090, AA573498, AA371301, BE002346, AA809694, BE170078, AA193600, AA766413, AA258658, AA258659, C01339, AF151073, and AL008729.
HFIUG54	892	876475	1 - 1211	15 - 1225		AL528159, AU123436, BF793862, BE618611, BF573401, AA604375, AV751714, BF572188, AI096476, AI627324, AI623783, AW270881, AW176260, AU152251, AW466935, AA420479, AW959869, BE892089, BF352071, AV681959, AW953936, AW515636, AU156697, AW263721, AI433858, AI888162, BF374086, AW001768, AU157910, AW190261, AW300137, AW166776, AI017162, AI034411, AW169112, AW968788, AU158294, AI493585, BF725757, AU156571, AA035308, AI400980, AW606031, BE150485, AI269743, BE150560, AI086151, BF676866, N20484, BE150564, BF215664, BE706449, AA905363, AI244728, AW148617, AA126992, AW370989, AA490959, AW606012, AW339199, N34406, AW606011, AW391594, AA480346, BF893158, AA970535, AA548169, N24599, C02570, AW380443, AA582926, H42703, AW105105, AA570014, AW026638, AA256814, AA364778, AW020880, Z41211,

					AV714253, AI536061, AA035307, AA420478, H24299, AA678544, AW391563, AW339527, BF572733, AA065097, AV727261, BE706410, AA613111, AI252770, AW391562, AA191512, D51223, D62210, AA847993, BE879669, AA652779, AI750126, AW838626, AW608197, N75648, AI436629, BE150450, N51447, BF246280, BF725758, AA743305, AX014004, AX013758, AL117597, and AK002171.
HOB AE30	893	876533	1 - 1479	15 - 1493	AW976111, BF438417, BE326988, BF448233, AA947739, BF590341, BF110651, AI400455, BE467219, BF845914, BE549725, BF792090, AW615210, AI079804, AW270919, AI435830, AI452944, AW611916, AA747433, BF970338, AI570117, AW207124, AI580309, N95645, AI309204, BE891399, AI338445, AI272895, AI499408, AW079078, AI797006, AI917984, N98806, AA282725, H01411, H00875, AI565322, AI240334, H01410, R74104, AA831514, R61345, AW150637, BG116831, AA301342, N69359, BF924928, R74103, AI672118, H00874, BE866477, H78279, AA514041, T49557, AW576423, H79404, AI739220, R31153, AI864092, BF087200, AA344229, AA693339, T49556, R31104, BG059394, BF378961, AA085178, N83511, BG223358, AI513763, AI373773, AL513817, AL513907, BE885131, AI513597, BF673068, BF795712, BG257535, BG110768, AL514129, BF726322, AL513631, BF724691, AL514087, AI349772, BE047852, BG058208, AL513977, AL515047, AL513871, AL514627, BE048071, AL515413, AW104724, AL119748, AW071349, AL513553, BE018334, BG031815, BF037097, AL513991, BG260037, AL121365, AL514473, AI633419, AV755581, AV682772, AL514155, AI537677, AL514935, AL514803, AL514791, AI475371, AL514919, BG164371, AL514983, AL119049, AI536638, AV682809, AL040243, AW198090, BG179993, BF812933, AL515041, BG110517, AW087445, BF726297, AL513911, AL513803, BF725644, AL121270, AL045500, AV681586, AI433976, AI871697, AI433157, BG252929, AI536685, AL513999, BG109270, BE876038, BG180996, AI609331, AV681630, BF727092, AI612913, AV682252, AI568855, AL513693, AV758110, AL514075, AV757158, AV762619, AL514325, AI514879, BG180034, AI269205, AI682743, BE904902, BG036846, BF794994, BE048131, AI682106, AI866457, AV756560, AL514511, BE785905, AL514303, AL121328, AI815855, BF970162, BF971016, BF970449, BF792469, AI538716, BE048081, BE963035, BE895585, BF341801, AV706777, BF981774, AV681951, BG108147, BE048065, AL514359, BF344691, BE877769, AL514063, BF725868, AL036802, AL515373, AI580927, BE874133, AI440239, AL513807, AI436456, AI590415, BE887488, AL047763, AV682441, AI499463, AI207510, BF527014, AV652906, BF969494, AL275175, AV673679, BE048026, AI513837, AV681949, AI064830, BE048319, BF970658, AV655645, BE048135, BF107577, AV735353, AL045903, BG252914, AV757455, AI687728, AI802542, BF726001, AI500523, BF343172, BE613622, AI815383, BE048179, BG120816, AI621209,

					<p>BF916588, AL119791, AV681638, AL515173, AL514819, AI539771, BF338723, BE876033, AI500659, BF812438, AI524671, BF968041, BG252040, BE047738, AL514691, BE047952, AL117613, AF147302, AF116602, AF090900, I48979, AF113694, AL080124, AL133640, AF130082, AF116646, I89947, AF116644, AF116639, Y11587, AX019230, AF116631, AF090934, AF130075, S78214, AX019229, AF113691, AF116691, AF130105, AL389978, AL133606, AF090903, AR079032, AF130104, AL117460, AL049938, AL442082, AB049758, L31396, AL122093, AF130059, L31397, AF104032, AF119875, AL442072, AF119899, AL133016, AL050138, AB048953, AK025958, AF078844, AL050146, U42766, AF106862, AL117457, S68736, AF090901, AF113019, AL050393, AL122050, AK025084, I89931, AL133075, AF017437, AL050149, AF113690, AF113677, AF118070, AK026045, AL157431, AF090943, AL137459, AF138861, AF113013, AL110196, AL359596, AF118064, AF116688, AK000618, AF218014, AL390167, AK000212, AX046603, AF113676, AC005522, AF242859, AL050277, X84990, AF125949, AF090896, AB041801, AF119878, A93016, AL110221, AL080060, E03348, A08913, AK026741, AF017152, AF111847, AC024247, AL050108, A08916, AF113689, Y16645, AK025339, AL049452, AR059958, AK026865, AF116649, AL096744, AF130092, AL022147, AK027096, AL133557, AL137557, AL050116, AL137527, AL133565, AB047615, AL049314, AL359601, AL122123, AK026608, AL133080, AL049466, AK026744, AX006092, AB048964, AB019565, AK026855, AL162083, AL080137, E07361, AF158248, AL389982, AK025092, AL133093, AF111851, AL136979, AL162006, I48978, AF219137, AL122121, AL359618, AP001346, AK026452, AC007390, AL118511, AK000083, AF177401, AK026592, AJ000937, AK026408, AF125948, AF113699, AF091512, AK026647, Y11254, AF314091, AL117435, AK026533, AL359623, AF091084, AP001666, AL137283, AK000445, AC002464, AK025772, AL161628, AK026542, AC004883, AK026927, U62317, AL445220, AC007375, AL133258, X63574, AK000137, AL035587, AL133344, AF242189, AL359941, AL357153, AC004686, U91329, AF207829, AK026784, AF146568, AB048954, AL359620, AR011880, AK026583, AF119909, AL137550, X82434, AF097996, AL121916, AK025798, AK025573, AC008812, AL356747, AL353745, AC023796, AF079765, AF271350, AC007298, AL353940, AP001746, AB052191, AL121932, AB047819, AL133560, AL110280, AL117394, AK000652, AK027113, AF225424, AK026959, AL049430, AL110225, AJ012755, AB051158, AC004383, A65341, AK026353, AL078602, and Z98036.</p>
HDABK73	894	876546	1 - 2777	15 - 2791	<p>AU123703, AI744148, AI744113, AU130720, BE897357, BG105308, AU137281, BF308835, AI860811, AI889014, AI765413, BE546221, BE670583, AW237314, BG248530, AW952369, BE502734, BE503479, AI765401, BE540301, AL042645, BF212478, AW500417, BG249708, AW674190, AI867571, BE018153, AW293518,</p>

					<p>AA534578, AI432178, AW169762, AA506984, BE389321, AA420605, AI142237, AA406169, AW591668, AW188054, AI147954, AA430324, AL040186, AI197943, AW502601, AI589634, AA569041, AI015938, AA433904, AA070872, AI188829, AI124780, AA421239, AI149224, AA420647, AI916160, W73655, AI076564, AI768356, BF592904, BE464156, AW772442, BE219974, AI638215, BG034042, AI125307, R51293, BE812953, W51790, AA172002, AA425349, AA565222, AA313542, AA825728, R35270, AW204507, BF306159, BG152825, AA100809, W28763, BF223048, AI222042, AI479185, W26572, W45413, W73608, R52192, AI160529, AW440819, AI422286, AI298011, AA171761, AA421279, R51403, H62930, R52097, R59309, BF880022, AA581790, W81419, BF844067, AI768849, W40121, AI708313, AW511347, AA373236, AW368276, BF844000, AA434583, AV747735, Z42217, BE702753, W81420, AI962360, AA325784, BF879714, R59310, AI271621, T25845, BF879715, T06069, F05246, BF880008, AA806028, Z38264, AA071023, AA815452, N54389, BE929180, BE929187, BE929175, BF092052, AA810542, AA383377, AI370602, R50941, T87272, BF149192, T87186, AW867815, F01748, AA947741, BF749400, AA773493, AA890049, AW591526, AI985779, AA984284, BF923416, AW272799, AL043147, AB007891, AC009079, AL157384, AK025058, and AK026926.</p>
HEMHA04	895	876674	1 - 1581	15 - 1595	<p>AW157077, AI928788, AI862521, BE618950, AI184766, BG115816, AI433323, BF970510, BG260737, AA479321, BE889129, AI332433, AA994577, AA478584, BF850029, AI366766, AI150895, AI620720, AA195559, AA442936, AI161291, AV760706, AW136295, AA904756, BE927251, AI3664038, AI092864, AA425717, AW953803, AW205501, N79594, BF215829, T99528, AA446215, AI240414, AA446214, BE299441, AA232850, AW163046, AW937288, T93899, R66416, AI929048, BE619559, AW051014, BF212048, AV646038, AA364284, N36458, W01957, T93950, N43863, AA194718, BG117862, AI338823, AW139188, R52842, AW080850, AI284236, AA378547, T85659, R10338, AA037196, AV645908, R10339, AW055147, AW836503, AA436307, R81902, R05285, R00484, N42203, BG113905, AW836504, BE963784, AW818663, R00583, T99422, AA247115, BF914358, Z43562, H87028, AA812230, AI375631, R05342, BF847815, AW937285, AI693570, W24653, AW188154, R31139, W24879, AW665039, AI184747, BF893408, AI221366, AI671211, BE552302, AI097097, AI132176, AA455374, W19042, AL048808, AI742539, AW196756, AI685147, AW976608, AW975618, AA975508, AI820069, D80164, C15076, D59467, AW966053, AV718530, D59787, AV701004, AV718692, C14389, AW959628, AV699550, AV718489, AV724520, AV718707, C14331, N33473, AV719822, AW973541, AW975621, AV720150, AW959202, AW978634, AW973307, D80188, D58283, AW966531, AW966059, AV699866, AW949630, AV720878, D80043, AW960465, AI557751, AW973330, F13647, D59619, AV719557, AA975540, AW949642, D80210, D51423,</p>

					<p>D80240, D51799, AV719783, D80253, AW973474, AW959136, AW966065, C14429, D80195, AV719324, AW949645, AW966075, AV720464, AW966029, AV723927, AV720211, AA305409, D81030, AW959799, D80219, AV720731, AV699447, D80391, D81026, T03269, AV738340, AV722801, AW959570, D80166, AW949656, AV720203, D59859, AW973485, AV719188, D80227, AW975605, AW966062, AW978648, AV718931, D80196, AV718938, AV718633, AW978661, AW960553, AW973334, AV718800, AW966534, D80022, AW975613, AV720533, AV718844, AV718770, AW949629, D59927, AW958993, D50995, D80024, D80212, AW966022, AW973488, D59610, AW960473, AW966013, AV720812, D57483, AW958992, AW966041, AW949643, AV699927, D80193, AV721386, D80038, AW959597, AW965177, AW965163, D59275, AV720791, AW966054, AW964756, AW966050, AV718440, AV720028, D59502, AW956397, AW962082, AK000587, AC005962, AC004757, AX047063, AX033851, A84916, A62298, AR018138, A62300, Z93928, AX047064, AJ302649, AR070327, AL136991, AC018769, AJ132110, AX027925, AX047062, Y17188, AX021518, AF058696, A25909, AR008278, X82626, D26022, and AX035434.</p>
HHBOX44	896	876676	1 - 2776	15 - 2790	<p>BG032216, AL526823, BE731068, AW961210, BG257927, AA088410, BG180328, AV703883, BE263038, BF981005, BG030126, AI921848, AL526855, AW612637, BE675369, AW590657, AA582953, AA129715, AW575752, A1768979, AW939345, BF795563, AA173576, AW006315, AW340019, AW593024, AA314374, AW294592, A1209090, A1146814, AW594006, AW408727, AW440271, AA442625, A1288689, BE242597, AA128304, AA917038, BF593212, N25149, H98630, BF447944, BE264878, AA447246, BF665325, A1214454, A1569471, AW188361, H23504, AW300860, AW440477, A1751632, A1751631, A1365108, A1288748, H23498, AW378551, AA305779, A1305805, A1246276, H15235, H05915, AW195659, AA233459, A1040280, H15174, AA580098, AA516088, AA807059, A1264064, A1374653, AA085808, BF764331, AA233499, AA442611, AA972665, AA173535, AA947515, BF761254, Z46082, AA436867, BE246825, A1216423, BF761247, A1680306, AA088533, AW961206, AA436854, BE879400, AA875987, A1537153, BE276849, AA883723, Z28659, Z24939, AA705973, BE242254, AA463884, Z40741, H79172, AA344697, BF764286, T34973, AA455337, A1636887, R45153, BE387790, R99373, AA476365, BF445431, AA332996, AA094260, BE242311, AA344742, T59749, BF445722, A1216025, BF090268, BF090263, A1564986, BE246900, A1657181, A1432566, AA476316, A1571662, BE173129, AA380487, BF764293, BF965160, BE173256, AA313261, AA128317, A1636873, AA133237, R48388, AW996483, BE242126, BF434676, AA447126, BE745358, A1675617, AW293675, AA300475, AW009004, AA095712, AA318049, AA587120, AL047883, BE790023, AA586931, AA603595, AA182886, AW082044, A1147306, AW081110, A1225246, AV759970, BF128843, BE251057, BF529088, AV716173,</p>

HWBBS84	897	876726	1 - 984	15 - 998	BE536263, BF529870, BG255834, BG031532, AV704882, and AK000294.
HWLIP86	898	876744	1 - 932	15 - 946	BE566554, BF326749, AA775676, AA306997, BE080192, AW299505, AA295175, BE841230, BE080255, AW869573, A1660377, BF336432, A1698467, and A1925518. AW024392, AF121164, AA863031, AW970190, AA639871, AA954258, AA877523, AW961147, AA741216, A1289873, AA515094, AA568880, AW272162, AA315933, AA314510, AW772645, AW135907, AV692499, AA887896, AA954266, BF229450, and AA577173.
HSBAZ37	899	876799	1 - 1222	15 - 1236	BE748750, AA195936, BE735826, BF794633, BE737548, BF793582, A1671142, BE872825, BF179979, BE378971, AW130003, BF030023, AW956203, BG165402, BE738538, BF692038, A1735466, BE894558, N73033, A1246516, A1590122, BE748450, AA782140, AW960365, BF679774, BE545903, BE501713, A1193251, AA313983, AA976229, AW771278, W17013, T59048, H04600, T59124, AW444639, H83008, T71419, BG168341, T71283, AV685078, H01077, AA531461, T59197, AA375752, R33127, T59159, T57392, H01078, H82791, T98388, H04624, A1934040, R33279, AW769736, BF246599, N53668, AW973069, T98387, BE789312, BG178312, AW630373, A1919560, AA325169, T51465, AA206548, AA420454, T57330, T81203, T80799, W76322, A1499522, AW962053, AV707405, and AK024673.
HOSXA83	900	877015	1 - 1030	15 - 1044	BF984517, BF438004, AA100220, A1167817, AA113216, AA324768, AA085997, AA149087, A1493421, AA629345, AA625949, AA149086, AA669959, AA431870, BG170371, A1866312, Z28464, BF003072, AW517053, AA172371, A1W17386, A1183937, AA431871, AA262957, A1036908, A1271960, AA085643, AK026086, AK000512, AK000171, AF172080, AF172081, AF172076, and AF172078.
HDQHQ51	901	877101	1 - 2712	15 - 2726	BF981980, BG024051, BF346373, AW405179, AU133938, AW846417, BF130381, AA278430, A1951459, AW130135, AA437355, AA427621, AW183077, AW044380, A1038334, AW503623, A1540554, A1224500, AA256905, AW663887, AW440059, AA702920, A1269240, AA662464, AW504999, AW572609, AA129087, A1042498, AW401902, A1865421, AA129086, A1023674, AA670374, U51141, A1355031, AA255481, AA600233, AA983314, AA661749, BF332122, AA278961, A1286001, AW504015, AW237708, AA512902, AW581119, R16374, BE645601, AW973049, A1000189, AA872607, Z39825, AW338997, AK001798, and AK025839.
HWAAAB4 6	902	877162	1 - 997	15 - 1011	BE870589, AV721943, BF310004, BF691496, BF035913, AV655998, BF9833349, BG028544, BF977672, BE790080, BE893063, AA001247, AA461156, AW966472, W52509, AA278796, AA113971, BF211184, BF949224, AA450388, BF820186, AV661562, AV721798, R98597, AA384473, T71383, AA358118, AA092585, H97072, AW975644, AV707101, AA092587, AA730518, AA018673, AA113979, AA278188, AA228876, BG260290, A1700934, N43893, AW609406, A1655403, H81967, AA056671, BE048541, A1310227, A1284242, N35130, A1653805, AA339064, AW024417, A1347399,

						BE220616, AW439944, AA810828, AI394577, AI240675, AW469282, BE244023, H97904, T24653, AW966466, W84508, AW189861, D63239, AA278354, AA678091, AK026629, and AL122047.
HOGDT09	903	877219	1 - 2576	15 - 2590		<p> AU143178, BF795088, AU125514, BG031811, BF984900, BE783087, BF701048, BF680437, BF701569, BE871703, AU149157, BE883082, AI114799, BG025813, AW972781, BE219039, AA523704, BE326829, AI738666, AI332905, AA630465, AI808902, AI379226, AA936962, AW237413, BF239826, AI225060, N30395, AA481027, AW001041, AW972782, BE502266, AA587330, AI151240, BE084123, AA812688, AA195542, AI379148, AI004264, AW300639, AU126982, AA180289, AI811274, AI261772, AW025729, AI418599, AW002896, AA878931, AW025796, AI886468, AI241082, AI913473, AA525768, AA194942, AA938582, R69549, AI336385, AI472706, BF034577, BG151642, BG029944, AI979336, AI968066, AA282317, AW903388, BF826476, AI287668, AU160310, AA876827, AI699562, AA742997, AI754786, AI380256, AW085594, AI283450, AI597993, AI044439, AA180129, BF351822, BE768130, AI474872, AA282183, BF684258, AW998737, AA628042, AA627935, BE927874, AA916288, BE832366, AI362939, AW993237, AK001360, AK024031, AK022683, AL034430, AF132198, AX048071, and AC005183. </p>
HTEGT79	904	877252	1 - 1851	15 - 1865		<p> BE905127, BE546512, BG252294, BF527887, BG163935, AV706708, BG180654, BF790471, BF696520, BE737669, BF680252, BF681302, AW993264, BF222935, AW197426, BF666480, BF895063, AW607640, BE179457, BE568557, AW239197, BF576909, BF570531, BG171402, BF028168, N98902, BF240887, BE169103, L44427, BF570521, BF971450, BF894515, AA504728, AV734932, BF085007, BE464055, BF894507, R69655, AI673707, BF681475, BF514310, BF240911, R61016, AI909052, AA258746, AA041233, AW662950, BG111481, AA337216, AI823758, BG113968, BF059447, N79717, BF809685, H09430, W32103, BF811811, AW594114, AA432395, AI673708, AW071057, AI339473, BE674424, AI080052, AW970905, AI352433, AW073288, AW628366, BE350307, Z42694, AA507164, AA933822, BF222059, BE172885, AI347371, BE910283, AW842378, AW904671, AW083740, AI077969, AI287970, AI424748, AW799692, W31679, AA040796, AI084691, BF084968, BF084951, AW607551, N69911, AW971399, AA516035, AA258401, AA504631, AA758823, AI280486, R69571, AC009318, AF183410, and AF216751. </p>
HOEJS41	905	877267	1 - 1720	15 - 1734		<p> AI762874, BG181061, BG029934, AI674791, BE741765, BF666745, BE904311, AW954849, BE219311, AW954043, AW205759, AI276484, AI422894, BE465197, AA976248, AW009017, AI400084, AW341397, AI127180, BF447671, BG251035, BF196141, AI671157, BF475963, BE326318, BE218835, AW137128, AI039711, AI278183, AA455318, AI082634, AI536624, AI184021, AI912127, AW014838, AA884620, AI814108, AA992557, AA242741, AI420403, AA423822, AA976249, </p>

					<p>H87044, AI871050, AA910054, AW341215, AA293585, AA960906, AA314432, AI215906, AA421611, AA291568, AI244330, AA884250, R88283, AW296512, AA928066, F37886, AA419081, AI522232, BE833848, AA659558, R77308, BF939420, HI4133, HI4077, BE833850, R86712, BF932337, AW802175, AA887721, BE833789, AA767469, AI468647, R86713, H45831, BF594455, H87708, AI474163, BF927687, AW247977, AW138723, AA382709, BF570928, AI572188, AA242762, AA406276, AI968554, BF800745, BF987769, BF742929, AI611453, AW249727, AI361199, AA923711, C00900, AW393192, AW393206, AA913682, AW945168, AF155330, AK000830, AF223950, and AF223951.</p>
HBXD192	906	877294	1 - 1369	15 - 1383	<p>BF793227, BE738493, BG168528, BE888581, AI341661, AW157674, AV756714, BG167137, BF541476, AI928777, AI858796, BF031649, AA531300, AV761086, BF690588, BE042800, BF132775, AA665453, AA526155, AA812963, AW390190, BF691669, BF103828, BF207673, AI359284, BE296289, BF031305, BE269786, BF028210, BF978825, BF382914, AI929300, BF674686, AA279506, BF382839, BE567100, AW302554, BF132362, R41875, BF907667, AI276929, AI362446, BE866174, AA491616, BF213558, BF677539, BF104141, AA640356, BF664574, C75324, BE565705, BF247621, AA626070, BF217293, AV710756, BE565341, BF239704, BE897320, BF244694, BF216991, BE910189, BF131344, BE865802, BF977033, BF208161, BF238819, BF664677, AW898881, AV702371, R70167, AW768708, D11969, F09499, BF573749, AV735734, AI220797, BE567718, BF530748, AW962086, BE566686, BE565378, F02133, AV656370, BF571625, R48992, AA354295, BF694762, BE565373, AI216693, R71386, AA279505, BF758050, AA279698, BE737734, AW975170, C04080, AA279781, BF569536, BE770337, AI784286, BE565018, AW965330, BF541703, BE172093, BE886481, BE172017, BE172794, BF773050, BE708385, BE175486, BE175547, BF541685, BF818937, BF131019, BF212194, AI929003, AI289076, AI929378, BF570031, AF182412, and AK026338.</p>
HHFMH12	907	877387	1 - 3864	15 - 3878	<p>AUI23654, BE614945, BF570217, BF570247, BE872390, AL525283, BF038800, BF343512, AW993641, BE622339, BE868734, AW965680, BF309693, AI096627, BE313918, AI750041, BF114871, BF569241, AI589918, BF308936, BF333907, BF569278, BF737162, BE168022, AI971206, AI567485, AI870013, AI492558, AW082735, AW071873, BF527054, AW068564, BE297137, BF732915, BF966681, AI494149, AI431911, AA158252, BE908970, BE259923, AI422826, BE858725, AI493768, AI363488, AI460100, AW104306, AA100840, AI755276, AA476207, AI992015, AW026405, BF818539, AI190217, BF195183, BG008965, AI738539, AI439206, BE392668, AA037160, AI361483, AA877117, AA425180, BF030331, AI372673, D80801, AA678831, BF344054, AI376927, AA160849, AW840238, BF738632, BF194781, BG149546, AI038534, AW951928, N77542, AI418906, AI359937, BF770908,</p>

					<p>AI084962, AI356122, W88956, AI499098, AA325211, N94717, AA043409, AA789304, AA355373, AI372674, H63354, AA313505, AA351821, BE168407, AA349465, N62261, BF516245, BF920103, BE139062, D80800, AI937868, AA102488, AW150270, AA349466, BE788878, BG015537, AW339965, AA330631, AA158399, AW083453, AA156068, AA350488, AA161281, AW075493, AA654017, AI094530, AI205125, BE709570, BF769382, AI686221, H41345, W89039, AA548969, BF083151, BF511513, AW338483, BE146202, AI334361, AA102489, BF082694, BF873805, AI961671, AA351820, AI570099, AA367255, BF370280, AW888417, T98883, AI926390, AA631107, AA301787, BF088733, BF740307, BG014702, BE622800, AW770217, BE816204, BF478261, AA143489, T18598, BE707955, AA102418, AW471322, AW189862, AA027021, BE764540, BF927721, BF326162, AA376185, AA904590, D31580, AI590590, AW082999, BE834120, AW753882, BF372972, AA702382, BE003963, W88756, AL042199, AW134571, BF372969, AI198157, AW009324, AI811883, AW003196, D29325, D29337, AI702386, BE834158, AA043408, R45887, H50462, BG113080, AI858384, BF945110, AI624949, BE834185, BE296215, BF927956, AB037858, AK024649, AK001199, and AX011688.</p> <p>AU134908, AV713940, BG254088, AW242873, AV655636, BG171383, BG107456, BE870660, BG121467, BE907884, BE882410, BF668229, AI638226, AV713772, BE504884, AU117218, AW014789, AI928114, AI478983, BF219146, BF590361, BG110092, AI075890, AW242842, AI675131, BF667382, AW014540, BE042921, AW372249, BE542118, AA630413, AI313145, AI653172, AA134046, N32561, AI752719, AI653034, AA489839, AA551242, AA480899, BE671745, AU144113, BE327275, BF111788, BF349616, BE328016, AU155713, N53472, BF061406, AI092888, AI479478, AA210774, W00846, AI761985, AI276657, AW151703, AI830594, AI589236, N41905, AI753040, AW590911, AI335745, AA489659, AI027334, W57952, W58099, AA846532, W58085, AI423910, AU149894, AI126500, W46149, W00854, AA923540, AA669903, W73619, AI620667, AA312838, AI041901, AA126268, AI357683, BF477473, W58035, W73667, AA232572, AW002525, W03762, N98674, H06349, AA700807, AA283647, AI752720, AI693833, AA064885, AV736659, AI093714, AI033028, AI167615, BE645395, AA902590, W46161, N23622, AA704812, AA126386, BF244472, AA910235, AV736277, AA480960, R40680, AI032472, N41728, AI675041, AI590268, R80530, AI344793, R80419, AA480245, AA991447, R80664, H06293, AI318610, BE569153, AA064808, AA810121, AA283646, H98584, N23621, AA811695, BF448760, H09433, AI241317, BG149922, AI470594, R40250, AA134045, AW181920, AA374575, H09084, T90456, AA569988, BG151498, H84159, H84160, AI700949, H89683, N66151, R14352, AA373949, R14299, AI538863, AA644291, N89241, BE537344, R91989, N68235, AA810813, BE242118, AI084359, N72476, AI547027, AA232625, H89759, AA564759,</p>
HDPFP36	908	877396	1 - 4025	15 - 4039	

							AW382356, AW371061, R57492, AA249229, BG249740, BF843733, BE219308, BF844627, H97526, D50917, AC007365, and AB041541.
HDPWZ46	909	877573	1 - 2910	15 - 2924			BF968719, BF970102, BF974759, BE870739, BF313383, BG177864, AW960084, AA502912, BE258859, BG248298, AI050870, AW006390, AV721883, AI953093, AW468272, BE251201, AI675899, AW502481, AI870318, BE536266, AI923553, AW401673, AA310795, AI440347, BE936524, AW027693, AW501912, AA524413, AW574552, AI075145, AI359954, AA524099, BF880552, AI597640, AI083744, AW970671, W72039, BE675707, AW662450, AA456551, AI688921, BE327587, AW167025, AI970597, AV750735, AI028774, AW468042, AW083366, AA702590, AW008239, AW188383, BE856306, AW150222, W04875, AA133158, AI075281, AI380071, AI696180, AI919128, AV746681, BE326354, AI458590, AI690287, AW341136, AI290772, AA394112, BE670623, AW770679, AI564066, AI802599, BE670339, BE327534, N50705, AI912716, AW770931, BE670125, AI290867, AA515127, AI697475, AI459065, AI218744, AI214605, BE674024, AI697999, AA632926, BE218968, AI630774, AI268530, D52783, AI692351, BF224244, AI373390, BE671556, BF477598, AI304923, AA420978, BG153398, AI342694, BE045635, BE074737, AI348602, AI760118, AW081261, N70505, AI342675, AI348362, AI302027, BE074644, AI218972, AI340052, AI702729, BE670635, AI342752, AA459322, AA923137, AI300921, AI818912, AW166144, AA971517, BE328050, AI458565, AW341160, AW512533, AI214348, AI348572, BE674503, AI867102, AI032703, BF932868, AI761002, BE840091, AA436286, AI369001, R82177, N55034, BF433728, AI807719, AI814038, AW407844, BF433382, AA504752, H62722, AW748135, AW470525, AW470337, BF433923, AA446015, AA909765, R82219, AI000287, AA652891, BF433226, BE703532, AA829731, F06324, AA770635, T33986, Z39227, AA478999, AI702141, W76432, BE551369, BE551444, BF914193, BF941470, AI268398, H91642, AA987310, AI191730, AI268346, BE502711, AA459103, BE328095, BE466981, BE703523, BE549954, AA808738, AA995397, H91643, BE550199, R11808, BE348420, AA931687, BF879805, AA996234, BE467190, D81323, AA988933, AI215821, AI216187, AA977023, AA577322, AA976720, AA916695, AA436160, AA504654, AA661852, AI197990, AA938371, R43824, AA973530, D53592, AI002429, AA321769, BF913969, AA279841, AA524872, AA885803, D80894, AA512952, AA789129, AA971520, AI860335, AA357086, AA477935, H62806, AA923086, AA292315, AA974038, AA618436, BE184342, BF364749, BF879774, AA931944, AA844341, AI300623, BE831022, BE831018, AA989091, BF154962, AI039259, AA939247, BF195360, AA470467, AA250870, R37724, BE184319, T35082, AW603140, AW050597, AI023554, AA347047, AA916526, BF591381, BF901997, BF340243, AA902263, BF448311, BF886674, AB020713, AL117527, Y00826, AA687290, AA937729, AA968738, AI002329, AI291215, AI299477,

HFPBS73	910	878090	1 - 1142	15 - 1156	AI350166, and AI299545.
	911	878159	1 - 1683	15 - 1697	AA027758, and AI526037. BE531175, BE615310, BF527071, BE531094, BE644965, AV648364, AA910364, N34695, AI809246, N41056, BF115228, AW964381, AA836750, AA455261, AA829730, AI742325, N27413, N53009, AI801368, AA938708, W67500, AA971739, AI420241, AI017351, BF222341, BG007409, R56380, BE348825, AI130039, AA465642, BF941301, R59120, AA771807, AA760722, AV683253, T33111, W67501, T30661, F21282, AI458383, AI694152, N47808, AI460007, BF749264, Z42834, AA226536, Z41034, BF849940, BF447457, BF447426, AW515347, AA016246, BF826729, BF954814, T03874, BE467282, F02360, F02302, AW204638, BF964079, N59351, N34898, H43293, C04542, F07962, BF349035, H43292, AI678586, BF964036, R56280, AA527386, BF948152, AA807824, AA948556, AA322394, R59121, BF952316, BF446775, BE830583, BE830581, BF858895, AA324607, BF850822, BF944325, N77162, AA886280, BE830573, N46624, AL031846, and AF004231.
HNFIB64	912	878172	1 - 2376	15 - 2390	BE409562, BG030410, BF348149, BG248660, BE884381, BE515202, BG168824, BF312553, BE311468, BG030381, AV700543, BE311464, BE277436, BF982183, BG180015, BF206984, AW401587, BE386116, AI791733, BE389318, BE675753, AI186666, AW082290, AW261819, AI582235, AI923861, AI733423, BE858619, AW401585, AA034502, AW025899, AI923461, AA279106, BE676188, AI368066, AA601538, AI073451, AW275946, C17878, AW512757, AI697431, AA496076, AI635654, BG177627, AI085307, AA743237, AW614811, AW062388, AI744390, AI687704, AI952487, BF589052, AI359767, AA278843, AA622950, AI023202, BG253479, AI679355, AW176719, BF974978, AA643661, BF871023, AW516328, AI584072, AI598167, AW959457, BE350491, H07061, AI347420, AA921925, AI582931, AW403038, BF338508, AA918089, N52992, H13318, BE292831, AI085302, BE140882, H96929, AA807882, AA063318, AI961257, AI829853, H07062, AA054731, BF944503, AA836647, AW026990, BG056082, BF872896, AW292750, AI589406, R40014, AA759154, R13953, H43157, AW151146, AA583559, AI366516, R13644, AI271948, AW080130, AA074128, AA740815, AI580964, AW079491, AI914663, BE838739, Z42175, R52685, AA406075, AI857247, AV718896, AI914835, AI701788, BG036228, BE732066, BF881535, AA300669, BE140897, D44930, BG164271, AI167197, AW340889, AA835728, AI940138, BE713052, AV719551, AI002358, AI784030, BE140898, AA054738, AI083786, BG252369, BF881534, AA908445, AA012879, Z38432, BE140828, BE719133, BF183164, AA526048, AA863181, AA464554, AA806696, BE269145, AA323070, BE396584, AI687300, BE906034, BF869004, C21388, AK024450, and Z92544.
HBIMN78	913	878206	1 - 1396	15 - 1410	BE869983, BF308753, BF725174, BF304856, BF894731, BE242128, BE819466, U46430,

						<p>AW062938, BE388539, BF914375, BF990518, AW583832, AA323188, BE938233, AI632409, AA311532, AW450875, BF915643, BF341662, AB014568, AL021707, AF202723, AC002429, AL353812, AL121586, AC008651, AC007057, AL049872, AL034423, AL022328, AL109804, AL022238, AC027319, AC004032, AL049709, AL135924, AC005740, AC023600, Z98946, AC005257, AL031255, U07563, AL035404, AL139286, Z81364, U71148, AL022318, AC003663, AC009086, AC016940, AC005318, AC011510, AC005730, AC010329, AC004099, AC006064, and AC008044.</p> <p>AL537127, AL529755, AA675921, AA675922, BE262438, AL522335, AL528593, BE892770, AL529754, BE789156, AW968234, AI538989, AW968236, BE735854, BG115842, BE734728, AL528594, BE677149, AI075918, AA256650, AA493371, AI094322, BE048443, AI688521, AI935462, AI802901, AI688358, AI767408, AA024843, BF912784, R52790, AI421046, AW020287, AW022859, AW022729, AW302197, AA083625, BF438369, BF914185, AI336330, BE792441, BG178467, W38780, AW250197, AW848654, AL525060, AI263242, AA456473, AL525059, AW845328, T66281, BE899479, AA527428, BE870520, AA478734, AL530537, W25302, H81794, BE168899, F09704, AW022849, BG112394, AL514699, AI919046, BF339743, AI889514, T06003, BE905535, R95684, AW962261, AL534280, AW268970, AI611368, BG180414, BF665591, AW026514, AL522334, AI816825, AI766194, AA768239, AA319841, AA364692, AI889524, AI394075, AA464368, AA632076, AI089651, AA173157, AI271327, AI921322, AA464386, BF594747, AA421113, AA306297, AA436809, BF836166, R13267, AI689262, AA417376, BE171169, BF346180, AB019038, AC007011, AC000378, AK001523, Z66003, AF217970, AL390183, Z61829, and AK026807.</p> <p>AL530731, AL514224, AL529528, AL521100, AL528971, AL529527, BF972219, BE794951, BF346866, BF309641, BE729587, BF026792, BF568619, BF308650, BF026452, BE890995, BG110825, BE897940, BF683364, BE869863, BE736872, BF025798, BE560224, BF033881, BG165864, BE560741, BG033515, BE728889, BE543512, AL521099, BF026523, BE892910, BG027620, BE299033, BE408599, BE269141, AW796193, BE390234, BE276926, BF378458, BE264350, AL528970, BG031359, BE389596, BG105312, BE622000, BE896609, BE743319, BE910603, BE302514, BE264276, BE274491, BE743340, BF307179, AW963268, BF802557, AA452059, AL515227, BF568780, AL515228, AL514223, BG259896, W52611, AA291230, AW406604, BF339396, AW082239, BE868401, BF851552, R25280, H45835, AW196278, H67409, Z43714, R61777, H40960, BE877482, AA297937, BE622652, AI394287, BE146053, T32291, AW003201, AI654179, AI952990, AI825852, BG150149, I39059, AA298337, Z42953, BE967094, BE384286, AI224107, AI738533, BF365211, AI871094, AI183911, AI379594, AW149713, AI631747, AI697568, AI949918, AI376007, AA679218, AI288463, AA934029, AI494419, AI271450, AA371825, AA505600,</p>
HHEKH05	914	878208	1 - 1599	15 - 1613		
HHAUW8 1	915	878215	1 - 1177	15 - 1191		

HAUBB12	916	878260	1 - 1273	15 - 1287	AA604759, AI126044, BG013260, AI982796, C03101, AI922055, AA809294, AI769969, AW954337, AI888073, AI573232, BE410228, AI278200, H45804, AI672728, AI424355, AW301292, AW172683, AI097331, AW594391, AA905734, AI660779, H40917, AA929008, Z39771, AI372977, AI468663, AI560425, AF007771, AI695083, AI670035, AI399773, AA284151, AI280353, BF685242, and R61778.
					AI537234, AL537475, BF981545, AA581417, AI458845, BF982567, BG059931, AI828210, AU158891, AW445062, AW129177, AI969798, AI914020, AW117858, AW591275, BF515900, AI636420, BF431589, AA161371, AW083752, AW298307, AA244396, AI434202, AI446299, AI933838, AA244411, AW082927, AA747041, AL118899, BE327711, AI627327, AI738930, BF738507, AK025023, and AB006622.
HFPHS77	917	878291	1 - 758	15 - 772	AA829828, AW978886, AA724548, BE142180, AC002528, AK025532, and AK024866.
HGGQN46	918	878306	1 - 888	15 - 902	AA479990, AW293680, AI473367, AI184880, AI086741, AI081183, AI214276, AA742259, AA836754, R55060, AA251267, BF059531, AI285889, BF434159, AI813391, AW297831, AI819671, and AF038458.
HTAFG29	919	878308	1 - 1880	15 - 1894	BE794380, BE910104, BE793820, BE391720, BE153727, BE795052, BF430981, AI765782, BE791580, BE786309, AU130325, BF589402, AI631686, AI949441, AI885866, BF084385, AI963923, BF222715, AL118757, AW207902, AI307350, BF084395, AW189044, BE561650, AW025807, AI47100, BF802111, BE269577, BE267785, BE561193, AU150167, BE560154, AA516417, BF336453, AW971995, BF084384, BF941783, AA933663, AI206206, BF934914, F35646, BF352106, AA115092, BF089978, AI963973, AV703842, BF350587, BF510458, F28989, AI949861, AI766835, BE153458, BE746018, BE544995, AW238961, AA147718, BG029397, AB040886, AK023077, AK022840, and AL359624.
HDPCT51	920	878310	1 - 2078	15 - 2092	AI307240, AI816064, BE795087, BF529860, AI951554, BG054939, AI942492, AA641031, BF316781, BE263991, BE260960, AI687077, AI124930, AI423498, AA894728, AA614585, BF727209, AA777759, BF341298, AI335011, AW302233, AW188628, AI051728, AI418558, AA293436, AW071822, AI815981, AW969529, AI076557, AI311022, BF002146, AW451505, BE645020, AI377461, BF434923, T66288, AA311733, N26393, BF508157, Z43604, AL532059, BE702964, AI761351, AA329668, H64102, BF229785, N40667, AW571491, AI364142, F07345, Z43611, Z39666, T35364, R78689, BF092002, H12368, F12145, T66341, AI240745, F02935, H62593, H12315, AL532060, AA831948, BF364263, T35366, H64151, AI627686, AA293045, AI761531, AA503793, T29948, F03591, F09782, BG236443, AI909783, AW751045, AW328429, BF094196, H21480, AA160594, AW328430, C01582, BE696174, BE832407, AI015205, AW020592, AW950223, AW020397, AW022571, AW952457, AW961037, AW965144, AV651436, AV725055, AV729439, AV708653, AW951273, AV703042, AV727839, AV684417, AV708075, AV693527, AV650024, AV726605, AV707727, AV707889.

					<p>AV727980, AV704934, AV705323, AW961463, AW019988, AW022981, AV721957, AV696257, AV706987, AV703263, AV706775, AW020328, AW954384, AW023863, AI557808, AW952414, AW021178, AW961253, AW020425, AW963028, AW950220, AW022826, AW963490, AW958647, AV654896, AW953930, AV728592, AV645906, AV685966, AV709869, AV683415, AW022299, AV686346, AV690007, AW953657, AV728806, AW954031, AV727512, AW952439, AV727990, AW950247, AV698087, AV705938, AV702932, AV702026, AV705341, AV652443, AV707024, AV729259, AV701620, AV707296, AV704824, AV707767, AV706915, AV704182, AV697638, AV729462, AV703472, AV726229, AW023351, AW950438, AV688667, AW963915, AV655425, AW020406, AW949433, AW966420, AV727776, AW950035, AW950267, AV706744, AV702994, AW021182, AW020480, AW965840, AW023955, AW020876, AW023617, AW021059, AK026102, AJ293970, AF287269, AF249319, AJ293659, AF287270, AC009003, AF218031, and AF160502.</p>
HMACZ08	921	878313	1 - 2730	15 - 2744	<p>BE876197, AU133975, AW170131, AV723948, BG178057, AV652458, AW836234, AW608052, AA047046, BF104746, AA486037, BE395776, AW385580, AA488655, BE699041, AA932253, BG104619, BF671350, AA854943, AA418105, AA829456, AA243385, BE699051, BE936060, AI346694, AA418007, AA503398, BE793798, AA053835, AW067836, AA878478, AI309218, BF820483, AA287990, W37960, AI401102, AI279485, W37900, AI050735, AI423510, AA610711, BF939011, BE699047, AA701403, W30974, AA017371, AW385388, AA911160, BF928600, H10281, W32542, AA133579, AV721259, H81907, BE908122, H11712, AA657490, H09562, BF529092, R97956, BF810354, N68428, BF841567, AA018681, BF810349, AW838671, AW274397, BE699044, BF737894, H17436, AA133578, T03483, R93915, BE699011, T84200, H10225, R97955, N91220, F09018, BE244933, BE697384, AW474873, Z43397, AA677745, F11358, AW838680, Z42508, H08994, H11779, R18755, H86384, AW067888, R20010, R44826, T78746, BE546845, BF768165, AA676360, Z41104, AA191764, R12303, R61069, H80952, H01770, BF362799, AA857228, BE746764, BE092626, AW361033, BE246721, R12953, F11514, AA298600, AA233314, H82000, Z45386, AA047038, AA988879, AA776420, BF925722, R61792, F02025, BE074538, H37922, AA946813, AA058662, AA298811, AW954042, A1024907, AA515707, AA579408, BE744331, H38137, C02381, H80857, AA190438, AA059270, AW953912, W32541, AI253018, BF755527, AA252608, H39230, BF087406, BF841077, BE699066, F09175, AW608049, R36072, AW607934, AW242636, F02790, AA018740, BE092426, N47523, AW951415, BE872758, AA670010, BE080981, BF793691, H86054, AA655031, BE699208, AA017201, AA059226, BE562873, BE857637, BG011131, AA233315, AW169463, BE935974, AA910836, BF756516, AA504287, AA489248, AW452612, BE858890, BE699076, AA953019, BF930488, AA552521, BF932022, AW385586,</p>

HOHCA01	922	878348	1 - 2932	15 - 2946	BE092405, BE047109, AW838675, BF752059, AB046801, AC010491, AK001799, AF274753, AF274752, AF001533, and AI346315. AL528975, AL528974, BF525814, BF794725, BE563077, BF313190, BF316065, BF128719, BF312165, BF343012, BE273396, BF347316, BF529439, BG114779, BG120757, BE273363, BG260523, AW732415, BE314860, BE273362, BG057710, BF525937, BE904717, BF509864, AI688331, AW957579, AI814349, AA115506, AI439629, AI284322, AW103497, AA534218, AA115034, AI344564, BE868519, N99483, C04025, AI937550, BF906457, AI610392, AA580300, AI337432, R51351, BG056609, BE544282, D52671, AI299062, AI290762, AA778315, W73534, AI372555, N35640, BE904219, AI521482, R73371, AI475831, BF760199, AA393903, AA435644, AI285054, N30983, AA764845, AA830343, AA350716, AW152418, T87095, T87094, AI953851, AA027198, H78278, AI992099, AI336885, AI968561, AI990835, BE466066, R88005, AI492575, BF508612, AI336624, AA865531, BE548781, AI864257, AI380956, W46919, BE246984, AI675500, W46791, H78277, AI685131, AA640843, AW472870, AW899069, AI669123, AW733154, BF995406, AA482973, AA634802, BF437657, AI201952, BF445529, AW262269, AI135701, AI973010, AA366274, W73259, AI470225, AI470518, AI352386, AA337220, BF883752, AA614200, AA046535, AW274833, AW754223, BG236862, AA605082, AA987852, AA384495, AI783962, AW150047, AW083650, D61500, AA319239, AI885985, T33520, BF527932, AW365237, AA301208, BF032551, T03350, Z41992, AA350468, BF924517, BF344592, Z38276, AW378048, BF435056, AA383528, R32096, N26529, N21584, R51457, AI372554, AA027197, AA775109, AA045465, AW505247, AI620909, AW440715, BE857649, BE646114, AW351619, AW962061, AW603925, AW796148, AA348491, AW015422, H57761, AA325251, AW603927, BE339227, AC004754, Z69667, and Z69705.
HTPEF72	923	878349	1 - 2045	15 - 2059	AL532242, BE729312, BE728365, BE551210, BE670809, AI801973, BE220314, BE871116, BE045443, T76931, BE550677, AI689831, AI797096, AA490642, BF724949, AI279819, BE512936, AI859277, AI557113, AI814363, AW149061, AW966623, AI130896, AW445177, BE895798, AI590758, AW340246, AI800514, AI217709, AW014822, AI572054, AA972787, AI401375, AI081807, BE618709, AW296916, AI249069, AW452357, AA253220, BF446661, R96087, BE550843, AA906892, BE222292, AW501329, AI692288, F13036, BF446728, AI291231, BF224333, AL532243, R96129, AA483670, BG150204, AA758548, AW028830, Z43341, AW371212, AW371183, AW382292, AI279920, AA315610, BE788201, F11086, AV749370, AA233303, AA233304, AW339397, AI497843, Z39416, AI567312, BF036552, AW188816, Z17407, AW501332, AA385365, AW082190, BE831951, AI458809, AL110139, AL110289, and AI299000.
HDQFU07	924	878365	1 - 1853	15 - 1867	AV694248, BE895909, BE903848, BG027942, AV651246, BG109867, BF217526,

					<p>BF240140, BF669125, BE779936, AV650099, BF971092, AW875350, AW956342, BF107182, BF697022, BG166672, BF030619, BE881774, BE548671, BF247518, AI88053, BF667451, BE872808, AJ768748, BF792803, N37046, N23484, BE872350, BF239058, AW664126, BF107464, W88681, AW338066, AW952476, AW402833, AW853145, BE971415, BF968304, AI636324, N24759, BF213364, BF665132, AA830565, AV697089, AA167203, AW023148, AI815125, AI685119, H98763, BE465545, AW853521, AW405572, AA481430, AW604402, AA481434, AA223067, AA902413, AW578436, AI954984, AI567716, AA045833, BE856103, BG258700, AA577610, H42133, AA553538, AA470843, AW467047, AW169016, AI961753, H38614, AA835545, AI262411, AW192401, AI193508, AA576473, AV660930, AW262909, BE927225, AA263040, AA481670, BE782154, W88620, AA394254, BG261374, AA730743, AA653560, R80477, AV651327, BF572366, AW193089, BF904780, AW470979, BF904779, AW295546, AA045967, AA329460, H42134, AA213836, R23904, BE243520, BE693582, AI263974, BF032805, AW293723, AA481674, H61494, BF674778, R23903, R80672, R61171, N79745, BF382094, H38856, AA328661, BF902314, R27506, BF243422, BF894060, T72506, AW361405, H62468, W07107, AI468319, AA362581, AW853797, AW337877, R27793, AW075817, BF031795, BE866675, BF905580, T82403, R27885, AW339053, AA377009, BF791479, AI708354, BF239244, AA485696, AW051074, BE866177, AI497897, AA485827, AW273624, BF905573, BF205089, AW022407, AI678575, Z21560, BF238897, BF699925, BE926278, BF239919, AW836245, AF126780, and Z64479.</p>
HETBV52	925	878370	1 - 1162	15 - 1176	<p>BG250946, BE890319, BG110053, BF304335, BE729884, BG036023, BE884990, AI143116, BE272181, AW978617, BF979791, BF688408, AA035605, BF683987, BG027642, BE728631, BE542648, BE781996, BE901361, BE385246, BF125301, BF312429, BG109070, BG030365, BE892129, BF035125, BE539771, BE709314, AW148662, BF435404, BE260755, BG027401, AW583187, BF103675, AA593746, AI452506, AI808192, BG033281, AA147979, AA976672, AI123332, AA846394, AA846398, BE263899, BG169958, AA134811, AW378962, AW152128, AI693597, BE737803, AA134810, AI091474, AI610361, BE567129, BE180037, AI168655, AA316462, AI017253, BF968821, AA601589, AW365838, AI004720, AA028198, BG256029, AI122822, AI144198, AI348563, N69654, AA306099, AA234250, AW779418, AA738360, AI143358, AI720974, Z46029, AA743577, AA594897, AI640487, AW953558, AI359916, BE743244, T27007, AA635902, BG033063, AA897721, AI623307, AI476694, AA975217, AW969746, AW003322, BG026000, AI970505, AA483597, AW405727, BE697896, AI913066, BE932259, T27008, AI185606, AA604266, R05542, F12789, AA236361, AI864948, R38524, Z41643, AW007428, AW015368, T52542, T75086, AI198108, AW006357, AI744938, AI911987, BG026055, BF216578, AA781505,</p>

BE878287, BF095030, T35592, R28411, BE387200, AA463665, F10397, R25388, BF665482, AW301409, AI334445, T52620, BE181498, BE697898, AA904176, AW805266, AA046223, AA740171, AW082589, AW268240, AI252039, AI255094, AW272015, AI345588, AI583449, AI309399, AI250968, AI307476, AI345889, AI349201, AI312995, BF507748, AW302961, AW302775, AW272042, AI345486, AW268769, AI345846, AI307425, AI348933, AW268247, AI224648, AI318628, C20688, AI252151, AW268956, AI376508, AI318281, AI313299, AW269108, AW303146, AI344815, AI335456, AI612156, AI435766, AI251074, AI054066, AI251564, AI307530, AI307548, AW075119, AW274337, AI312299, AI053567, BF054846, AI053815, BF055837, AW268250, BF733962, BF054732, AI053772, BF057979, BF054780, H73735, BF054743, AW301884, BF055931, AW268176, AW302926, BE857791, AI590227, BF315557, W01072, AI637584, AW198090, AW301469, AI564719, AI619502, AW302052, C02221, AI677796, AL513807, AI433157, AI434468, AI453322, AI357940, AI345802, BF812961, AI536638, AW169234, AI366900, AI569583, AI924971, AI689248, AL513977, AI613017, AI538716, AI923357, AW075667, AL514627, AA449768, AI863382, AI270183, AI873644, AL513553, AL514867, AL513779, AW118457, AW104724, AI568855, AI520785, AL514357, BF812938, AW074795, AW243820, AI926790, AL514473, AI828731, AL041772, AI687127, AA911767, AB041906, AL021707, AK024731, AL356865, AB040119, AJ236698, AL389982, AB052191, X98834, AK000083, AK025084, E02349, AF056191, AF113690, X72889, AJ000937, U80742, I48978, I89947, AK000391, AL080060, AL133560, AK026927, AF113694, A08916, AL049430, I00734, AF118094, I48979, AL137459, AF090903, AL122093, AK024538, AF116602, AF116631, AK026532, AF111847, AF130059, AF125948, E00617, E00717, E00778, AB048953, AF130100, AF130104, U35846, AL133080, AF177401, AF106862, Y16645, AL096744, A08913, AK000618, AF104032, AL162083, AF090934, AF097996, AF130082, AL117457, X84990, AK026642, AF116688, AJ238278, AK025772, AL359941, AF113019, I89931, AL050149, AF260566, AF119899, S78214, AL117460, AF111112, AR011880, AK027114, S68736, AF113699, AF113222, AK025632, AL359601, AL122110, AB050534, AF130110, AK025339, AF116646, AF090901, AF113677, AK026597, A77033, A77035, AF090900, AF116682, AK000323, AF146568, AF314091, AK024524, AK027096, AK026959, AL359596, AF130105, AK027164, AF175983, AK025484, AX027129, AL137550, AF119875, A03736, AF078844, AF118070, X82434, AL122050, AX019230, AK025906, AL359620, AK026784, AL122098, AL110221, AL133075, AF130066, U42766, AF091084, AF116610, AB047615, AK025958, AK026741, AK025092, AK027200, AR079032, AL359615, AL162062, AK026630, AK026744, AL049283, AR087170, AB041801, AK026045, AL117435, AL049452, AK026086, I09360, AK000432, AK026583, AL359583, AF119909, AX019229,					
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HPHAB61	926	878406	1 - 839	15 - 853	BF354490, BF354491, W52563, BE274472, AL538054, Z43693, H09192, AA706920, AA371469, BF032961, R34999, BF082755, BF332778, BF082768, BF082759, BF082766, N57281, BF328302, AV724003, BE181224, BE009565, BF332781, BE830920, AA495939, BE830918, H26811, BF701671, and AB050514.
HTJN173	927	878407	1 - 1148	15 - 1162	AU143281, AV696409, BF340564, AV661143, AV654284, BF105002, BE770204, BF724794, AA426242, AW265010, AV721277, R97293, BF756268, R54039, AV754053, N24257, AV647091, N42528, AL401202, N24207, W28694, AA317731, AV685670, AW965211, AA337330, R62707, N39820, N23591, H81447, R77868, AW466958, RI8686, AA336076, AV722584, N35781, AV724479, AV723766, H51816, N91698, AA319346, AA299521, AA345861, F07903, AV655429, N32363, AI467853, AW273835, T86246, BF108990, H98580, AA329228, AV748360, AV750416, AI983083, R31616, BE301237, AA177091, T90151, BE931882, N57032, AW517301, AV682839, BE855731, AA745840, AA024532, H52309, AW351743, H52305, N29881, N30166, AU160395, BF935400, BE858560, AW132152, AA733046, AA865789, F04158, AI262355, AA740352, AI351711, AW371798, N52171, AW150974, AI217969, AA516285, AI285144, AI354657, AI620642, AI285129, AA425779, H99932, AI039767, AI077400, H97520, N26668, N23592, H99910, N23381, N35253, N29339, N24055, AW304128, H99567, AW512309, R54040, AW750748, AA775354, AI719093, AI672961, N68683, R63667, N59618, AA025292, AW371790, AA635661, H525451, H52545, R77774, H51817, BF529644, AW614704, BE069946, AI273018, AI474970, R32347, BE884988, T90050, T86141, N78171, T23591, BF935140, N32980, AA705215, R97054, N51909, AK024041, AF160216, AX013086, and AF077049.

HFCA119	928	878432	1 - 656	15 - 670	BE737159, AV683453, BF791773, W93646, AV736968, AA702011, AA876539, AW956002, AI633679, BF215394, BG249994, BG031757, AA805723, W93906, BF109912, BF940202, AI078580, AI419292, AI743235, BF691818, AV754613, AA429945, AA455042, AI128804, BF203359, AI826623, AA516431, AI989747, AA946978, AW183193, AI141284, AI989739, BF755012, AA911088, AI352478, BF475590, AA989129, BF215121, AA778301, BE875161, AA374253, T90569, AV759888, W19506, AA305052, W38899, AI198127, N89912, AI265924, W52820, AV685633, AA477156, AA987264, AA644621, AI263261, AI371387, AI349474, AI693357, AA338761, AL044098, AA780176, N95062, T83106, AI198595, AI631831, AA927461, BF064208, T97984, T98061, AA035640, AV744201, AA356704, AA338760, AI933253, AI206661, AA341602, AA295467, AI123118, BE715499, R02479, AA234074, AA479657, AA193255, BF439936, AF104628, AI220255, AI857454, BG057464, AF151058, AF135380, AF057306, AF145216, AF096895, AF135381, and AC010289.
HEOMO40	929	878455	1 - 1019	15 - 1033	BE792998, BE784640, BF791671, BE392026, BG178228, BE384422, BG112478, BF034379, AA280075, AI341850, AI685471, BE889886, AI971214, AW026541, AA625134, AI434060, AW780065, AA635928, AW072332, AI201571, AI018504, AI189383, AW150715, AA514603, AI222786, BF475582, BG058642, AA829969, AA465296, AW887710, H53940, AI971391, BE178584, AI126522, AI151505, AA527473, AI289125, AA430474, AI139537, AW804020, AA973593, AI422423, AW887689, W81548, R09558, T87884, AA653072, AA479457, F31659, AI282731, N90216, AI859244, AA588856, AA311454, AI085132, AA128540, AI927397, H53939, T87974, AA194261, AA429427, AA424897, AA479349, AA627660, AW079647, W81547, BE645736, BF755467, AA371654, BF761445, T84384, BE715848, BE715852, F36489, BE715855, AW804116, AA873449, AI934286, Z40834, BE004605, F04088, BE242795, AA193307, AA862408, BF803049, BF764149, BF852661, BF954607, AA345903, BG033329, W38944, AI126392, Z45204, F07750, AA186373, BE715864, and N95246.
HBGQR89	930	878462	1 - 580	15 - 594	AA551087, AI526029, and N69786.
HSLHS40	931	878483	1 - 689	15 - 703	AW954841, BE566427, BF038744, AV714591, BF207443, AV717828, BF697755, BF701163, BG252752, AV696876, BF573438, BF696963, BF701614, BE866549, AA307912, BF697866, BF246764, BE080190, BF132505, BF541626, AV711935, BF210092, BE866389, BE566332, BF967412, BF030766, N33481, BE568990, BF687775, AW965380, BF185923, BF185757, BF967635, AV657676, H01141, BF699604, AA378770, N33874, AA853183, BE172695, R27699, BE785883, BF130673, AV762989, AA333757, AA255698, BF029394, AA313926, W25450, AA262083, BE080783, AA622346, AF068292, AF151899, AC006559, and AL136571.
HDPFT14	932	878510	1 - 2650	15 - 2664	AL523199, AU132797, AL523200, BG033844, AW752704, BF791612, AU134767, BE882970, BG023837, AW850681, AV716901, BG250459, AW242503, AW364612,

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HNHFY67	933	878569	1 - 2533	15 - 2547	AA312450, D62428, T52084, AA312073, AA176195, AA176152, T03105, D62423, AA779034, T60233, and AA314825.
HWLLR80	934	878628	1 - 1084	15 - 1098	BG026214, AW962291, AI459549, AA455567, AA398062, AI449621, AI394051, BF108431, AA515452, AW044341, AW884291, AA456064, AV683744, BE546175, AU145029, AI699125, AA143102, BF361999, AU118479, BE833021, BF967276, BF967822, AA310438, T09094, BE088709, BF869437, AK021645, and AI139349.
HLVAG35	935	878700	1 - 1123	15 - 1137	BE379775, BE872144, BF792610, BE543890, BE895184, BF673057, BG256338, BE891847, BE743821, BE790582, BE867918, BG117915, BF969301, BG029557, BF970720, BF686005, BE622404, BE379843, BF037225, BE548179, BE617191, BE789663, BF311190, BF792222, BE293097, BG117792, BG116922, BF573664, BG179311, AV728537, BF697248, BE868922, BF681296, BG258783, BF216726, BF971778, BG104884, BF244945, BF541844, BG165973, BG256248, BF027966, BF208413, BF033943, BG117616, N31859, BF028710, AI525654, BE256557, BF132742, AI720884, AA487754, BF668158, AW080623, AI042438, AW405567, AA315638, BF726757, AV733019, W26597, AA626503, AI347948, H40397, BF805359, AI148666, AI342990, W27939, AA844517, BF208701, BF028915, W48798, BG107500, W40144, BE720067, H53915, AA973504, AA938181, T78480, BF675363, AI291752, H86324, AA973502, T96718, AI096709, AA888982, W17062, BE566980, AA019151, AA136931, H54535, N28602, T84197, BG121953, T96898, T96608, T78565, AV761243, AA741234, AA135077, AW664475, AW956486, BF880803, BF873448, R02614, BE828057, AV656709, BF035943, AI382540, H01254, BF027956, AA377618, AW954988, BF742185, AA337594, AA196164, R63004, BF793637, AA337440, T88814, BF793769, BF744139, AA863426, AA284748, AA356413, AW292189, AA356139, BE535527, BE701198, AA629237, BE819084, BE718093, N55890, BE704027, BE831116, BE703907, BE718092, BE838794, BE718089, BE704012, AI541208, BE703992, BE703900, AA148976, BE703902, BE704015, BE704013, BE819085, BE703908, AW574518,

HDPLU91	936	878742	1 - 1983	15 - 1997	BE703903, BF029578, BE718085, BE703896, BE703909, BE831093, BE831115, BE698144, AA196293, BE703962, AA865750, AI189512, BE701194, H75555, AA305021, AX013067, and AC004801. AL514872, AL516234, BE793799, BE080106, BF966373, BG251449, BF309811, N78156, BE779576, BE467941, BG120078, BF966426, BF096205, AI373463, AV703215, AL518949, AW237080, R37461, BG169757, AW292532, AI651775, AA700773, AI300661, R59143, AA953081, BG180590, BF096087, BF891990, TI0421, R59144, BF891964, BF891965, BF739303, BF813604, AA888664, BF819368, BF810135, BF812951, H06647, BF815929, AI696193, BF739302, TI8587, BF922736, BF811766, H06648, AI285373, R19087, AI285372, BF973387, AA282396, TI9425, R63251, BF932431, AI064763, H02230, BF819317, AI702832, T80339, BF891969, AV729556, AV728909, AA992103, AI034374, AF231981, I05465, I09029, and AF111849. BE613222, BE621608, BE731676, BE612766, BE727717, BE274110, BE512791, AW610041, AW961089, AW610040, BE540424, AA421991, AI128794, AA643252, AI553836, AI337866, AW044675, BE350024, AA424905, BE396274, AI936250, BE391566, AI161281, AI092684, BE387551, BF314230, R75637, AA627914, AI080133, AA256915, AI150197, AA253106, BE621355, AI344548, AA765783, AI433180, AA833911, AI769283, BE314965, BE261902, AA258905, AA668580, AI271742, AA745047, AW071080, AA410797, AI095804, AI128782, AI269638, AI269057, H69062, H94996, BE391923, AI384009, AI423951, AA255491, AI419254, BE743099, AA626290, AA594812, BF432512, AA909289, BF207341, AI220675, AA339832, AI559934, R75740, BE253327, AI198666, AA258813, AA936964, AI751181, AA502345, AV701498, AW176256, AA336836, Z21045, BE837254, BE388676, Z38718, AW610034, AA374638, AA253051, AA323970, AL122010, and A75147.
HTFNS65	937	878748	1 - 850	15 - 864	BF436797, BE614225, BF092492, AI201866, AI566970, BF509280, AW104472, AI656009, AW295965, AA758867, BF057078, AI219471, AI452536, AI743932, AW197851, AW135409, AI916057, AA398022, AI041112, AA928706, AI041252, BE502568, AW196570, BF222963, AI971262, AW894346, BF917434, AA913387, H86566, AI492117, AW894720, AW971983, AW090197, AW472972, AA574312, BE937627, AA662668, BF001949, BF436942, AV723803, AA927047, BF939436, BF934163, AI538251, AA732212, AW103239, AA975494, AA393984, AI688854, AA947763, AI612107, AV705323, AI567582, AL036705, AI345477, BE138624, AI670002, AA743430, AI568865, AI689096, AI224373, AI341690, AW089844, BF811802, AI499285, BF752997, BG111199, AI342023, AI134830, AI349640, BF911517, AI250070, AW303179, BF871314, AI701097, AI336581, AI335207, AI344789, AV681781, AI583670, N25033, AI336631, AW301513, AW072719, AW806761, AW268221, BF032768, AW268302, AW301459, AI884318, BF724894, AI318159,
HDABG90	938	878755	1 - 1689	15 - 1703	BF436797, BE614225, BF092492, AI201866, AI566970, BF509280, AW104472, AI656009, AW295965, AA758867, BF057078, AI219471, AI452536, AI743932, AW197851, AW135409, AI916057, AA398022, AI041112, AA928706, AI041252, BE502568, AW196570, BF222963, AI971262, AW894346, BF917434, AA913387, H86566, AI492117, AW894720, AW971983, AW090197, AW472972, AA574312, BE937627, AA662668, BF001949, BF436942, AV723803, AA927047, BF939436, BF934163, AI538251, AA732212, AW103239, AA975494, AA393984, AI688854, AA947763, AI612107, AV705323, AI567582, AL036705, AI345477, BE138624, AI670002, AA743430, AI568865, AI689096, AI224373, AI341690, AW089844, BF811802, AI499285, BF752997, BG111199, AI342023, AI134830, AI349640, BF911517, AI250070, AW303179, BF871314, AI701097, AI336581, AI335207, AI344789, AV681781, AI583670, N25033, AI336631, AW301513, AW072719, AW806761, AW268221, BF032768, AW268302, AW301459, AI884318, BF724894, AI318159,

AI963631, AI863002, AI251963, AW301500, AI784233, AW302954, AW268122, AI719817, AI336582, AW080076, AI696714, BF766531, AI345587, AW301505, AI571439, AW104141, AI819326, AI491710, AW130134, AI633125, AI349772, AI539771, AW152182, AI579901, AI590043, AV747571, AI114703, BF669151, AI357049, AI538564, BF811804, AI690813, BG110532, AW081311, AI698391, BE896094, R41605, BG028055, AI349017, AI889189, AW151451, AI923446, AI879064, AI469505, AU118477, BG114528, AW834282, AW268164, AI499570, AI345415, AI591243, AI147292, AI587049, AI537677, AV759054, BE540578, AW051088, AI702073, AW301754, BF811779, AI623980, BF814449, AI250627, AI309392, AI349169, AI274647, AW194014, AI368579, AI240978, AI582912, AI433157, BG105895, AI589428, BG105500, BE878989, AW129230, AI335463, AI432644, W38553, AI560954, AI472566, BF812961, BG105812, AI638644, AW269095, AW026557, AI863197, AI349801, AI961403, BE393551, BG114103, AI915291, BG180273, AL514455, AI819545, AI366972, AV735732, AI589140, BG121222, AW301974, BF816042, AW236186, AI583475, AW269083, AI473536, N68309, AW301539, AI302590, AI479292, AI242248, BE018334, AI886355, AI765469, AW268963, AI345551, AW964095, AW366372, AL514015, AI954475, AI628325, AI249877, AW081513, AI340570, BG122005, AL514089, BE883591, AW084801, AW411235, AI950729, AI635634, AI679211, BG029058, F37450, AI689640, AL045163, AI890654, AW193231, AA127565, AI922707, BE279961, AI653979, AI921281, AV757404, AV709580, AW411351, AI648699, N36182, AI435268, AI570152, AI345688, AI572021, AW055252, BG253033, BG114304, AL514375, AW191844, AV709935, AK026649, AJ299431, AF112208, AL137550, AF082526, AB048919, AB047878, AL133062, I09499, AL080074, AF002672, AK027111, AF145233, AX015416, A91160, I48978, A76335, AX015915, AL162083, AL110296, AK000414, AL389935, AF008439, AF078844, AF119909, AL096728, A18788, AK024992, I00734, AK027104, E00617, E00717, E00778, AR022283, A15345, AF047716, AL050116, AF119843, AF130110, AK025465, AL137548, I89947, AL13637, A57389, A08913, AL133113, E12579, AK025435, A08912, S65585, A08911, A18777, A65341, AL137478, AB047887, X82434, S68736, AF090901, X65873, X66871, AR081734, AK027136, S76508, AF132730, I03321, A12522, AK026504, Y16645, AK027095, A76337, AL117587, X59812, AR074149, AJ012755, AF119336, AF130055, AL122104, AL117416, AK000250, A08910, U72621, AF116631, AR068753, AK026408, A08909, AF116691, A86558, E03671, AL117460, S83440, AL353940, AK026855, AR038854, AK026556, A08907, AB016226, U92992, AF130056, S63521, A08908, AB041801, AL049460, AF116609, AL137459, X06146, AK024944, AF262032, AK025113, AL137256, AL137284, AX026824, AX026823, A58524, A58523, AK024546, AR068751, AL137657, AF119894, AF090934, AL133084, AF204760, D44497,				
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HDPQO40	939	878790	1 - 1737	15 - 1751	AI680867, BF110179, AA973037, AA868809, AW291165, AW169977, AA459970, AV748254, AA235170, AA460062, AA235071, AA811821, AA234899, AW243583, BF740727, R50382, R47735, T19463, AA765007, and AA748788.
HKAHL37	940	878823	1 - 1776	15 - 1790	BF688501, BE881450, BE250966, AI523831, AA402161, BE392990, BE798735, BF448645, AI809311, U55991, BE387679, BG005830, AA058572, AW576097, AI080305, BF526976, AI809303, W58112, AI219592, AW771597, BF969738, AI870771, AA306397, BE395222, W72743, BG056680, AI914114, AI356543, AA970516, AA393477, N23943, AA470469, BE908638, AA259063, AI220513, AW016176, AW028724, W31498, AI572664, BE255290, AA041503, AI933312, AI032420, W77922, AW071229, BF344608, AA324492, AI073475, AA918880, AA211889, BF688973, T19169, W04578, BE618638, BE314602, AI079603, T34432, N80749, BF967557, T34444, BF967414, BG036741, AA324169, AW406751, AA454831, AA018438, BF967636, AW954531, R64311, AA336112, BF967482, BE740875, BE742276, AA383421, AA349561, AI763093, BF196321, BE671746, AI138838, AA863481, BF940724, AW262487, T85783, BF966747, BE552382, AI380715, R51375, AV689075, BF222015, BF945161, AW970290, AW970296, AW970375, AV692451, AI372710, AA861445, AW970376, AA401573, AA534640, H20475, N91047, AA534821, T61174, T65029, AI372712, AA402818, BF967827, T08467, AI150344, BG027910, BE618092, AV686818, N72499, and AK026031.
HBXAX11	941	878833	1 - 1384	15 - 1398	BGI71183, BE394832, BF345793, BF663932, BF663191, BE393442, BF129119, BGI79361, BF341957, BE788837, BG119947, BE794162, BE619396, BF969290,

					BE791970, BE395407, BF312261, BE560344, BF312784, BF311330, BE396394, AA459151, BE906639, BE939303, BE560410, BF988670, BE313340, BE559587, W48794, BG004344, BF990171, BE559652, BF316925, AA121077, AA236101, BF992688, BE619930, BE314124, AA354204, AW407304, AA326735, BE544969, AA084808, AA455323, H45963, BF310219, BE313684, BG107752, BF905768, AA446831, AW250337, AW630545, BF989112, BE208386, BG256977, BE263897, AA676879, AW968024, BE075850, AW967519, A1829096, AA642981, BE929165, BF891778, T55953, AW071985, BF304185, A1871224, AW152343, BE707111, AW971532, AW512523, A1623713, A1762266, AA593002, BG222467, AW251072, BE715630, A1978921, BG117454, AW117876, T57200, AK025807, and AC004847.
HMVBC71	942	878904	1 - 1323	15 - 1337	AL515525, BF966744, BF793066, BE905040, AV697070, AW157314, A1816071, AL515524, AW261874, BF966307, AW163370, BF727408, AW151173, AW001897, AW236835, AW235694, A1801254, A1815990, N62855, AW117364, AW976507, AW150293, AA876913, A1635914, AA779526, A1584106, R40658, D12158, AW148443, AA338451, AW166670, A1245076, D12218, AW369838, D57788, AW631476, AA969485, and AC010382.
HHFML06	943	878912	1 - 1006	15 - 1020	BG037056, BE735622, BE613933, BF038899, BE727444, BE788504, AL524340, BE273787, BE382875, BE391143, AL524339, BF978413, BF978052, AW965394, BE547588, BE048117, BG120035, AL535856, BF982434, BE178854, BG028203, AA504716, W27204, BE697396, BF087393, N41801, AL535855, AW603038, BF979829, AA034426, W27040, AA312370, AA406004, W28235, AA309632, A1906282, N32848, AV701475, BF090558, D60934, T30463, A1863431, T19063, T32338, A1971022, BE048604, A1937406, AV711602, W19696, T32187, BF903646, T30721, BE838731, AW151091, BE543336, AA658336, A1346867, AA399637, W90242, BF055176, W90243, A1811643, A1963120, BF827788, A1268013, H61501, AA053917, AW130080, A1038050, A1913778, BF247007, BE828382, AA330190, R16625, AA588282, A1469647, AW605910, AA642233, AA879123, BF819691, AA846647, BE549152, A1766372, A1631662, AA554675, AW473415, AA333952, A1085295, H92197, BE838722, BE181564, AV740503, T90188, AA709128, AA367963, W04861, BF513879, BF056039, D80978, A1650926, A1245252, AA779947, N70492, R16567, AA341326, AA180070, D60933, AA640652, N89051, AA504623, A1040870, A1469642, H98628, N89952, BE503958, BF940488, A1869508, AF161406, AF134159, AC007182, and AF270646.
HEEAG84	944	878975	1 - 1658	15 - 1672	
HE8PT01	945	878979	1 - 2276	15 - 2290	AA032264, BF033184, A1524813, AW470107, A1002961, A1016098, A1627696, AW293379, AA032198, A1371775, AA203545, AA992804, BG150088, BF476629, A1375285, A1123325, AV733036, A1827261, AA255534, A1280365, BF956540, W26395, W84875, W84876, AW839964, A1025922, W27544, H40726, H20214, A1702204,

HMVCG79	946	879020	1 - 1637	15 - 1651	AA543043, W35225, R51448, AW291129, R51337, BE810654, AL202999, N91431, AA069274, AA255506, F09068, H20124, W23761, BE810801, AA364813, N55974, AW816800, BE810844, AA485410, BE825376, AA069502, AA247607, BE810770, AA902947, BF766662, N58074, D59395, AC008123, AL137534, AB050412, and AC003049.
HSLJF33	947	879040	1 - 542	15 - 556	BF971208, BE869819, BF676817, AA258513, N21319, AA258357, AW293672, BF772376, AI337429, H71643, BF589677, H63685, N31254, BE878141, BF447980, AW169975, BF312727, H04371, AI075876, AW182150, H71642, AI081147, BE876444, AI245423, AA625063, AF244577, AJ387747, AK025880, AK026921, and AF244578.
HFVHV40	948	879115	1 - 451	15 - 465	T12297, and T12296.
	949	879156	1 - 2356	15 - 2370	BF346036, AW161481, AL036384, BE262889, BF527646, BG250594, AI792419, BF981426, BF526011, BF348083, AL515587, BE892843, BE893935, BE312363, BE909963, BG259839, BF530993, AL530587, AL518333, AW403222, BE782496, AA349842, BE261745, AA682331, BE260138, BF527712, BE247341, AL534633, AL514800, AL518805, AL535793, BE313071, AL515494, AL532669, BF341785, BE779190, AL518527, AL518968, BF347094, BF345570, BE835080, BG259340, BG034329, BF304377, AI291107, CI5937, AA319876, BF949074, AI298818, W76282, AA640877, BF316097, AL515586, AL518804, AA410938, BF347295, D54830, BE312509, BG110330, BF311257, W57826, AW239398, AL518526, N31096, BE881717, AA128062, BG107945, W68379, BF526417, AL518080, AL515493, AL518785, AL518332, BE171248, BE048241, BF874307, BE378687, H19895, BF975985, AL518079, AV748402, AA425456, AW879429, BE247452, AA953620, BF950119, T39453, BF947101, AW340681, and AF272043.
					AL521837, AL527649, AL521838, AL526812, AL522637, AL516967, AL516968, BE796246, AW953470, BE733427, BE267273, BF984794, BF663431, BE746021, BE744871, BE727677, BE792949, BE891911, BG032127, BE732800, BE880158, BG029699, BF739970, BE547454, BF033906, BF341854, BE410292, BE407731, BE730406, BF974054, BE280141, BE276759, BE396111, BG033296, BE266155, BE313127, BE276474, AW245780, AW245421, AW170348, BF726872, AI125210, BF109831, BG259961, AA454052, BE387107, BF888054, AW960189, BE883630, BE207211, AW403899, BG024467, BF894254, AI208601, AA789053, BF432565, AI024666, AA031930, AW615502, AA032048, AI356072, W07699, BE296793, AI200867, C06239, AI369198, AI570447, AI332639, AI001138, AA622587, AW271396, AA632148, AI095065, BF907531, AI208972, AA934612, AI278658, AA846843, BE795828, AA758922, BE276249, BE386995, AA099581, AA431596, N62476, AW402977, AA864754, BF888062, BF110024, AA676722, BE901965, AI125001, AI570705, BE901394, BE797702, AA847774, AA609502, AI283903, AI493468,

HTXLR12	950	879160	1 - 2287	15 - 2301	BE902040, AA062669, AL522636, R87506, AA351375, H80426, AU141193, AW960190, AW387425, H24175, N80670, AI862627, AA621386, AA468656, AI034164, AA361930, BE733825, AA305197, AI245639, AA766390, BE304538, AA813039, BE733342, BE733565, BE019577, R98946, AA975165, R23321, BE736900, AW245820, AA644232, BE901113, R78483, BE265415, AW375225, BE266374, BE280632, BE539912, AW955959, AW375213, BE267493, AW375220, BG222879, AA137081, AW080224, AI763081, AI721021, AW089049, N79196, AW615653, BE464923, BE799665, AW089305, AA628355, M85399, R98861, R23244, T16377, T09166, AW078905, AW083608, AA226886, W73606, R87588, T04952, AI245727, N50148, BG223318, R10049, AI004405, H17382, AA380030, H80425, R78526, AA811085, AW371367, AW732928, R10928, BE931203, AA226922, AA136972, AW377690, R10879, AW374893, BE841909, AA353058, AW374895, AA955577, AI001882, BG223317, AI015767, AW363526, AA377815, BE931143, BE827975, AA557715, BG122019, AV747893, H24067, AA862807, T09167, AW771700, AA768482, AI338369, AI808072, AA100486, BE987667, AA774221, BG059802, BE931921, AA453634, BE539623, AA101981, AA884482, R16694, BE887393, AW749084, BE338616, AW473754, AW198229, AA357596, AA379498, AX015349, M62419, AF020797, AK023863, AX013089, AF067146, AC011475, AF139409, AF139395, AF139404, and AA719540.
HTXLR12	950	879160	1 - 2287	15 - 2301	BE891940, AW298651, W28069, BE955273, BF851322, AA112484, T08083, BF980203, AI967988, BF056991, AI634401, and AI652732.
HDQEX68	951	879167	1 - 2191	15 - 2205	AU126034, AV716555, BG164623, AW954175, BF691402, BF701787, BE614508, BF667845, BF381552, BE614004, BG163382, BF209847, BF245443, AI700760, AI810672, AW959626, AA436783, BF669673, W06931, AW955938, AW582367, BF697678, AW022757, AI913143, BF112000, AI936412, BF997086, BF670097, AA135575, AI890309, BF697090, AW025467, BF698840, AI653296, AI978760, AW383953, AA449107, AI823647, AI952893, BE006122, BE302288, BE929485, AW080154, AU152463, BF667528, AW296731, AI754956, AI827338, AI373709, AI521896, AU130547, AI813442, AA291583, BE568457, BE673206, AW021357, BE467939, AW994791, AU149920, BF211081, AI080994, AI567720, AW338668, AA553455, AI087408, AA687111, AA135545, W80751, AI304776, W80787, BE622281, AA058389, BE221597, AA831738, AI346950, AA036879, AI469452, BF094472, AA099187, BF218884, AA127603, BF695894, BF094482, AA639202, AA099186, AA814666, W80894, AW795282, BE695745, BF670143, H06621, AW959622, AI678362, AA248479, W80839, D19587, R33675, BE247088, AI879800, H13605, AA056735, BE151247, H07129, AA043962, R26226, AI350485, BF002378, BF924127, BE247084, AA135513, T30458, AA948517, H08414, BF095650, BF910406, H95950, R26227, R51350, AA036864, AW379265, N71754, AA337868, R23356, AW804288, H08415,

HETPHG81	952	879182	1 - 1689	15 - 1703	<p>R33573, BE695897, BF908776, AA299635, BE695910, AW802738, AA359591, AW853022, Z42189, BE695898, BE565791, T30155, Z38445, BE813683, AW608802, AA336776, N56422, AV712427, F13752, BE695881, BE769028, R23269, AW391654, H13236, H95949, AA043949, BF031310, BF913300, AA532989, BF913308, BE930859, AW582768, BF096076, BF154478, AI633317, AK001390, AB018298, AF130464, AX013064, AK000709, S83456, AF130104, U53505, E06743, AL110223, AL157482, AL137488, AB049853, AK025658, AP001624, AL162001, AB052191, S78214, AK026833, AF130082, and AK025465.</p> <p>AU124431, BE700940, BE700869, BE700936, AW960435, BE908235, BF870875, BE772035, BE700861, AI903097, BE772040, BE840628, BE700876, AI7000395, BE700938, BE700862, BE700873, BE700945, BE700943, BE772042, BE700937, AW390483, BF525944, BE842730, BE842726, BE772099, AW514159, BE700941, AW582015, BE700904, BE772053, BE772066, BE772082, AA781090, BE772081, BE818958, AA305705, BE818955, BE772059, BE772019, AW170237, AW965129, BE840457, AW581975, BE830929, BE772101, BE818964, BE840434, AW339256, AW820559, BE772020, AI079309, AI140441, BE700851, H70004, BF849721, BF359589, BE700898, AI905362, R11344, AI022857, BG012510, AW517983, AI401014, AI379419, BE842723, BE818962, AI434349, AW673336, C15468, AA719006, BF439588, BE842723, BE818962, AI434349, AW673336, C15468, AA719006, BF439588, BG010792, AA703354, N50989, BE772047, BE772018, BE836162, BE69547, AA574083, BE772074, BE818915, BE170135, BE840445, BE772086, BE772015, R09631, BE772087, AI251845, AI243536, T63151, AI983670, BE832289, T63006, BF091071, R06603, AA889063, BE772017, BE927455, BF110884, BE830923, AA565124, AW868068, BE830919, AI903834, AW752129, AW868069, AW674579, BE818892, BE818951, AA731490, AA344670, R07438, BE061069, AK027078, AL117402, AB007936, and AK001249.</p>
HETFI66	953	879189	1 - 2924	15 - 2938	<p>AL518456, AL518457, AL535309, BF036947, AW177329, AW365330, AW365323, AW365322, BE548852, AW365331, BE782972, BE252916, BF508656, BF062884, AW177280, BF349186, AW177293, AW751887, BE391161, AW177283, AI634419, AW751893, AI655929, AW751913, BF349185, AW177210, AW177386, BE644774, AA780277, AW177327, AW177297, AW375451, BF349184, AW177290, AW751911, AW365328, AI861939, AW751897, AW177364, AI459228, AW177371, AW177298, AW958998, AW751896, N26002, AW177209, W68094, AW365324, AW375444, BE258077, AW177291, AI693285, AW365340, AW177366, AW751907, AA988619, AW177292, AW177330, AW177326, AA774277, AW365333, BF034446, AW177214, AW177331, AI656566, AW177361, AW751914, BF056518, AW751917, AW177367, AW365332, AA992335, AW177295, AI092878, AI971537, AI457746, AA992349, AV688516, AI918057, AW751918, AW751919, AW594513, BE466006, W67657,</p>

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HUVC58	954	879222	1 - 1737	15 - 1751	AU136625, AV758108, AL532612, BF691477, BF208141, BF526250, AU139755, BF576897, AU138444, AW361626, BF218355, AA326713, BF695259, BF102702, AA256744, BE173585, AA459236, W31760, BF531085, BF951257, BE866130, BE173471, BE173481, BE173409, BE173586, AA022820, AA046581, AA043189, BF966191, BF352288, AV734597, AV659955, N57339, AW971689, BF241889, AW452739, BF966206, AW813810, BE150505, AA830510, R19454, AA349280, BE173590, AW753423, BE502920, AA385915, H92698, AI566027, T61007, AI766639, AA446503, AA376823, AA446322, BF677334, AI147871, C20624, AA369579, AA369411, AI267646, AW827132, AA127618, BF966850, AI423223, AU157616, AA641529, AW074400, BE349039, AA043190, BE242785, AI719873, AA627345, AU156799, AI419387, AI031904, AI159832, AI932664, BF939730, AI934352, AI886950, AA854750, AI619780, AI719353, H88016, N62242, AI371803, AI097237, N54489, BF446754, AA022728, BE468183, AW103783, BE895637, AA528304, AI082158, AK002102, AF113224, AF208863, AC021019, and AL358133.
HDPGJ03	955	879294	1 - 715	15 - 729	AI268407, AI831182, and AF305068.
HUSIT07	956	879441	1 - 1425	15 - 1439	BF793263, BE744545, BE876004, BF970359, BF314317, BE392161, BE789681, BF695490, BE314349, AI150130, AW089589, BE141819, AW007662, AW630842, AI354986, W28029, AA371513, AI208668, AA526605, AW956282, AW024017, BF746464, BF746995, AW162288, F13749, AI696793, AV701116, AA176605, AW964231, AI753365, AI457597, AW819125, AW974932, BF941382, AV703259,

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HWHHNS 5	957	879514	1 - 1602		BE744935, BG024414, BE562674, BF109234, BE392666, AW377298, BE399840, BE905104, BG117806, BG118565, AW377335, BF964657, AW377300, AU144697, AW377370, AI970471, BE144586, AW752914, AW367852, AU159030, AW377374, AU159539, AA576526, AU159555, AI922500, AW377257, AI199486, AI123218, AA927738, AW377264, AA989195, BG056482, BE938379, AI091150, AA922738, AW752918, AW418802, W69888, AI560660, BE938389, AI612820, T81701, W69567, BF734737, AW752927, AW769721, AA742404, T81488, AW768836, BF475279, R71372, AW406239, H11524, AI084549, AW377389, R16877, AU118033, BE541711, AU141478, AL526446, BE880092, AI538103, AA807380, AA991853, AA468875, AW367837, BF476040, AW752922, AW377365, H11886, BF948106, AF161019, AJ131890, AK022476, AF218027, AF283478, AK021600, AF176099, AJ131889, and AC003694.	15 - 1721				
HTTJH57	958	879541	1 - 1707		AL536302, AI347130, AW027513, AW954660, AI660559, BF063427, BE910304, AI340321, BG230588, BG030487, AI214222, AU155474, AI803717, AW006987, BF038849, BG166086, AW301687, BE221184, AW016409, AI336534, AA015924, BF761125, AA307210, AA019155, AI283525, AA018238, BF756777, AA878131, AI269256, AA921711, BF229860, AI857978, AI090373, AI368031, AA017114, AW900223, AW403382, H84864, AI367923, R84448, AI284356, AI536301, AI080385, BE251142, AI350788, F29712, AA280994, BF761104, AA987803, BF808782, AA017329,					

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HMSND53	959	879589	1 - 3978	15 - 3992	AL515934, AW957184, AL520230, AL520231, AL135399, BE618778, BE618245, BE782129, BF056891, BG121474, BG250670, BG168174, BE905489, BF966712, AI633878, AW515316, AL518067, BG032703, BG027920, BE042542, AW088411, AL536159, BE883723, BE218306, BE536123, BE644805, AL515935, AU131122, AL518068, BF087512, BG054496, AW207435, AW962355, AI752319, BF570490, AW771521, AA902264, AI818209, AW105148, AW083012, AI669659, BF515266, AW514659, BF516057, AA126445, BE465947, AU152940, AI927938, BF031562, AA310489, AW410334, AW182807, BE546476, BE465917, BE763696, AA767314, AI420205, N21466, BG260989, AA054496, AA938728, AI493810, AW771502, AI743602, AW675411, AI090291, AI283114, D81907, AI417561, AA427677, N66098, AA186486,

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HMSNQ62	960	879610	1 - 1972	15 - 1986	AU130906, BF984210, BE382776, BE892933, BE298391, AU128590, AU128196, BF683462, BE141049, BF683880, BF737298, AV736866, R67288, BF349181, BE266956, AV688174, AV688316, H16663, BF237634, AA336926, BE151863, BE890366, BE710492, AA261822, AW750617, BF723601, AK001606, AK022935, AF161534, AC009542, AC009330, and AX048089.
HGBHG78	961	879611	1 - 569	15 - 583	AI092570, BF898230, BE929207, AI120738, BE719334, AB018310, and AI096766.
HTLHJ08	962	879620	1 - 1189	15 - 1203	BF195557, AI041014, AA993615, BF446877, AA349276, AW297315, and AI033528.
HSIDI48	963	879670	1 - 1369	15 - 1383	BE873436, AI951815, AI956094, AI745450, AI813886, AI557659, AW579065, BE870274, BE871298, BE769601, AW393065, AA533783, AI721101, AA468365, AW962442, AI560195, AW469133, AI858987, AI572115, AI565097, AI858299, AI318311, AW603383, AW749137, AI625125, BF335352, AI932443, H25030, AI990965, AA635976, AA533344, AI535829, R24141, AW193143, AW166653, AA366876, AA807845, AW816475, AA564865, BE873591, AA557883, AW816483, AW962441, BF334908, AA526856, AI678368, AW571499, AA630850, AW062682, AV703785, AV758870, AV760014, AI469384, AI249473, AI047429, AI889426, AI292275, AA584484, AA744018, AA862312, AW961593, AW265385, AV760389, AW873417, BE139358, AI499954, BE139267, AV761107, AI745335, N57681, AW175834, AW383952, AA366716, AW467536, BF111583, AW963895, AI254779, AI821987, AI732869, AA904275, AW020088, BF229305, AI733856, AI431434, BF974756,

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HRDDU37	964	879672	1 - 597	15 - 611	AC002527, AC004678, AC002553, AC009155, AC007151, AC004814, AC010489, AC005255, AC002316, AC018639, AP001717, AP000103, AC005776, AC005921, AC005755, AL121586, AP000143, AC002546, AC004815, AC005088, AL109623, AL031667, AL355387, AC005209, AC011480, U91327, AC010632, AL031311, AL050335, and AI424282.
					BG036897, AW957881, AW957802, BE410387, AA307675, R56811, R13877, H08036, AW672820, BE010067, R13211, AW975808, BF806624, R47783, R34521, Z45992, AW170381, AA373859, N99509, W32806, BF511393, BF063359, AI057135, AW377577, AW450256, AA806429, AI022332, AI375097, and AC002094.
HFLUI19	965	879691	1 - 2669	15 - 2683	D51542, D51590, D51528, AI526129, D51545, T68805, D51502, AI526116, AA084690, D59510, T23769, D49849, Y08856, Y08854, Y08855, D38559, and I21645.
HTWAG66	966	879698	1 - 789	15 - 803	AC002302.
HLCLE14	967	879732	1 - 670	15 - 684	BE622267, AU117894, BE410502, BF314711, AA458526, BE732552, AW959248, AA039656, BF868459, BE047767, BF088649, BG011758, AA323012, BF962639, BF868526, AA428017, BF313531, AA410862, AA477912, AA743844, BF338073, AA402828, AA456448, AA085205, BF962646, BE888300, BF689989, AA488266, H25605, W17309, BG113257, AA295025, H20931, BF875061, H20915, R53510, R48651, AU127096, W44351, AW753496, BE312316, BF435836, BE727881, AW370887, AA477929, AL137744, and AK001629.
HOFMH52	968	879744	1 - 1589	15 - 1603	AL532301, BE713203, AW969106, BE713202, BE713383, BE713392, BE713204, BE713207, BF513617, BE713388, AI633708, AL120116, AA504739, AA496783, BE716086, N59542, AU150004, AI338475, N34798, AI056613, AI276758, AA702001, AU805424, AI440355, AA687291, AA504642, W68512, AI253078, AI613458, AI470918, AA255945, AA775538, BF593458, AW028316, AI225061, AA402439, R63782, AI699684, W68397, AW518244, AA514521, AI284252, AA398405, H87911, H90408, AW884968, N52882, R63731, R95763, AI701842, H90461, R91611, AV687266, AU159658, AA721323, R95809, H87365, N22120, AI383211, R91562, N44520, AI219180, BE713394, BE713208, BE713389, BE713201, AK025448, AK022815, and AK023972.
HWAEH17	969	879774	1 - 670	15 - 684	AA424092, AV754795, AL134778, and AC020717.
HWAEH32	970	879900	1 - 761	15 - 775	
HSLHB42	971	879927	1 - 1385	15 - 1399	D62420, and D79551.
HDSAC28	972	879957	1 - 423	15 - 437	AW138498, AA322737, AI184847, and AC005841.
HFIHT27	973	879972	1 - 1920	15 - 1934	AU131281, AU128692, AA601062, AL041074, BE897245, AW993476, BF671678, BF095221, AW369650, AW992992, AA020744, W24707, AA374738, AA192207, BF095641, BE270359, AB018347, and AK022945.
HBIMS61	974	879980	1 - 1271	15 - 1285	AI741157, BE326969, BF514595, AI733570, AI867214, AI825826, AI792171, AI435439,

					AI890280, AI985464, AA341017, AA864402, AW244010, AI094646, BG223184, AW269228, AI433354, AI269660, AI686233, AI493107, AA994299, AI971806, BE615731, AK024551, and AL031719.
HCDAH28	975	880010	1 - 1431	15 - 1445	BF432206, AA843898, BF064282, AI051065, AI075210, AI741816, AA888796, AI453831, AI761457, H87971, and AW004862.
HSDFD90	976	880039	1 - 1680	15 - 1694	
HTLJK34	977	880137	1 - 768	15 - 782	AA398927, AI969361, AA781910, AA426067, AA812822, AI365155, AA402066, AW880037, BG180468, AI335426, AI348777, BF895953, AI919345, AW088899, AI434833, BF527014, BE393551, AA830821, AI869367, AI932638, BE879516, BF909758, AW411235, BF968910, AI801605, AI288285, AW263823, BE061389, AL120853, AI886123, BE963035, AW103628, BE875407, AI805688, AI308032, AV755459, AI344785, AV757598, BE897632, AI250663, AI874166, BE966355, BE964497, AI567582, BF339322, BE621256, AI952920, AI812015, AW079159, AW087938, BF885675, BF970449, AA427700, BE928768, AI620089, BF915208, AW403717, BF814541, AI952862, AI612759, BE968711, BF904180, BF970768, AI963062, AI280661, AW827150, AW105429, AV746964, AW193125, AI932949, F27788, BE964767, AI433976, BE907440, AV655250, AI686552, AI572418, BE964614, AA853213, BF525539, AI471361, AI922901, D50977, BG249582, AW168485, BG256090, AI791396, BG113299, AI950664, AW238730, BF038804, AI537677, AI538342, AW999049, AI583054, AI345746, AI610645, AV729259, AI445992, AW162189, AW117746, AI554218, AI866002, BF914091, AW079572, BF970990, BG107847, AW088134, AI873644, BG026428, AI933589, BF817402, AI680457, AW149925, AA420758, AI867042, BF816455, AI566630, AI432040, AI623682, AI537617, BG120816, BF817926, BE879612, BE047952, AI434741, AI689420, BF815196, AI251830, BE963918, AW858243, BE544111, AV729189, AI366549, AI334445, AI636719, AI921379, AI568138, AI569328, AA279293, N80094, BG260037, AW238688, AI499986, AW083804, AV714391, AW410969, AL119791, AI608676, AW083573, BG255895, BF344652, AW827103, AI249962, BF036115, BF793245, AI339435, AI537261, AI872914, AW088903, AI498579, BG122918, AV710199, AV757528, AI886181, BF673434, AI619716, BF035653, BG030364, AW151136, BF818009, AW151729, AA493647, AI539771, AI446373, AW073898, AI611743, BF885085, AI478123, AI251205, BG026746, AI572892, BE966699, AI758512, AI805638, AI275640, AI493559, AW169653, AW152469, AI52469, AI041772, N74355, AI073952, AI863321, AW150225, AV682011, BF904258, AV728833, AL110306, BF204484, AA480074, AL049085, AI888944, AW089258, BF853807, BF344031, BE9666365, AV659536, BF816785, BF304748, AI929108, AL039086, AI445990, AI364788, AW059837, AI280732, AI494201, AI802542, BF341210, AI669459, AI799650, BG032919, AI811912,

AW192228, AI889147, AI802240, BF811780, AW148970, AI620075, AI571909, AI306613, AI680162, AI564749, AI627880, AI352497, AI620287, AI569616, BF133402, AI569583, AI497733, AW172723, AI538764, AI499381, AI539071, AI800411, BG181012, BF971336, AI824576, AI627988, BG112879, AK025414, AB051158, AF061943, AK024538, AI359583, AI122110, AK026542, AK027116, E04233, AF026124, AK026532, AK026865, S68736, AL080074, Y11254, A93016, AL080060, AK026885, AF166267, AF119909, AF113676, I26207, X53587, AF118094, AX046603, I48978, A08916, U35846, AK000647, S78214, A08913, I89947, AF158248, A08910, AL133067, AF090943, I89931, A08909, AL050172, AK026784, AJ238278, AX019230, AB049758, AL050108, AR011880, AR087170, AB050534, AF130092, AF079765, AF057300, AF057299, AR083266, AJ299431, AF130100, AK027146, AF130059, AK000391, AF113690, AF113019, AF116676, AL137538, AF162270, AL353940, AX027129, AL133565, AX019229, AF225424, AL122123, E03348, AJ242859, AK025339, AK025084, AF130104, AK000432, AK025349, AL122098, AF185576, AL122118, AL117435, AF271350, AB019565, AF116688, AL049382, AF177336, AF116654, AF130077, I00734, AL389939, AF116639, AK026408, AF116691, AF017437, AX042059, A90832, U67958, AK025958, AL117583, AX045627, AK027193, AK027164, AK000753, E00617, E00717, E00778, U80742, AL353625, AF130110, A03736, AL137463, A08912, AF155148, AF113694, AL137556, AK026480, AK000137, AL133557, U96683, AL359620, AL137488, AL133113, U72620, S61953, AL133093, AK025632, AF116649, AK025772, AL390167, AK027113, L30117, AK026630, AF113013, AK026551, U91329, AL122121, AF078844, AR038854, AF090934, AF130066, I03321, AF119899, AL049938, AF218031, AK026045, AF210052, AL133077, AL162006, AF113222, AF116602, AF242189, AL137521, AK026452, AL133016, AK025484, AK000718, AX026824, AX026823, A58524, I48979, A58523, AK024524, AL137557, AB041801, AK026642, Z72491, AF111851, AF155221, AL359601, AK026627, AL050116, AL133072, E02221, AF026816, AK026855, AF106862, AL137476, E08263, E08264, AF119337, AK026533, AL122049, AL049452, AF118064, AK026086, AF119875, AB048964, AF118070, AL122050, AF218014, AL133098, AB047904, AK027182, AK025573, AF116646, AF130075, AF175983, AL157431, AL133568, AL133014, X93495, X65873, X72889, AF119894, AF113677, AF116644, AF217966, AK026353, I33392, AK025092, AL110221, AF219137, AF090900, AL117457, AF260566, AL359615, AF207829, AF146568, AF090901, AF111112, AK000652, AF113689, AL389978, AL137550, Z82022, AX040974, AF119860, AR059958, AF113691, AF130082, L31396, AF111847, AF056191, AK026593, L31397, AL133560, AL080124, AF314091, AR038969, AX046842, AF119883, AL359941, AF003737, AK027114, AK027096, AB052191, A65341, AK026528, AB048953, Y11587, AK026597, and AK026526.					
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HNGKC65	978	880142	1 - 1657	15 - 1671	AL520380, AW964307, AI161343, AW967203, AW954939, AI221950, AL041826, AU137320, AI271350, AI205879, AI080159, AA868067, BG111970, AA931374, AA213383, AA449162, AW961428, AU157129, AA452364, W84487, AA025228, AI743040, T08347, AA970366, W20339, Z39489, F02802, W84564, N92722, T08346, AA207021, F06532, AA025991, AA213601, R42398, AA328933, F06533, BE972558, AI861833, F08486, R14674, R37459, C02421, F04701, N92721, BF062378, AI190488, BG032378, AI808607, BE702258, AA452138, D80443, H51515, AI183981, AC004142, AI442092, D49802, AF291437, and AK001991.
HHPBD83	979	880178	1 - 3099	15 - 3113	AL528340, AU132836, AU132782, AU129989, BF568276, BF568338, BF313050, BF315873, BF206196, BG035754, BF312233, BE168071, AU118387, BE909834, BF843422, BE313362, AW815024, BF925267, BE312550, BE148833, BF980572, BF309260, BF926526, BE312229, BF314730, BG014610, BF926531, AU140227, BF926537, W59997, W52743, BF568513, BE262505, AW502586, BE888221, BF436609, AW503001, Z25334, AI338720, BG007998, BE784119, BE259593, BE274273, BE729190, BE274361, AA355740, AI434817, BF923138, BF689646, BF987045, BE906440, BE005446, BF858507, AA371718, BG010932, BF798229, BF857878, AW752841, BE084570, AW819777, AB040932, AK023046, AK023272, AK000664, AF234600, and AK024398.
HHEVU86	980	880199	1 - 1706	15 - 1720	BF811204, AA161299, AI825905, AW129576, AU144143, AW843904, AI354376, AW081897, and AK021483.
HNFIB27	981	880221	1 - 795	15 - 809	AL522577, AW955220, BF792769, AW955046, AI686590, BG056551, AA324542, BE463650, AA974290, AI624287, BG056614, AI123639, AW964439, BE350481, AL133678, AA908233, AV690320, R87196, AA864252, AA972260, T33896, AA323557, AV691137, BG152404, AA602774, BF448858, AA324658, BE719066, AA323457, R87697, R87277, AI803367, AI916277, M78932, AA363949, Z42954, AA322750, R87197, AA325248, AW869776, R87698, BF875027, BF229930, BE856340, AL522578, T30908, BF229938, AA318791, H51781, AA339760, F02433, BF881193, BE703262, AW793759, BF738498, and AB018269.
HAPSG46	982	880254	1 - 2359	15 - 2373	
HAPSG46	983	880278	1 - 1718	15 - 1732	
HTEDK31	984	880341	1 - 1594	15 - 1608	BF940114, AI361316, BG223420, and AA876320.
HCWFW0 7	985	880358	1 - 1104	15 - 1118	BF979988, AA075159, AA478784, AA478903, BE467492, AA843188, AA826045, AA075158, AA053855, AA707527, AI198687, AW117252, AI802939, AI081321, AW514188, AA826044, AW665176, AA280224, AA703951, AA729909, BF770936, AA832280, AW821213, BG149919, AA806497, AI082669, AA281465, BF594189, BE938724, BE927899, BE844153, T80850, H56516, BF854811, BE747478, C01469, AW609559, AA015820, AA082154, BF310655, AW263826, BE964636, AI349933,

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HUFCR29	986	880363	1 - 1799	15 - 1813		BE617082, AV709406, AL532888, AI628756, AV727790, AI336856, BF001659, AA477891, AI761628, AI439145, AA526478, AI797579, AI371098, AI138451, AI742223, AI687691, AW339261, BE304821, AI795955, AI380752, AI913710, AA502361, AW300001, BF063682, AA526500, AW502070, AA477779, AI368254, AV725114, AI280863, AI473786, AI420161, AA300057, AI241125, BF939216, AA630100, AA578712, AW007083, AI971336, BF222682, AI351111, AW959589, AV708470, AI910797, AA948481, AI927041, BF063079, BF850084, AA533624, AA494512, BE069241, AI380536, AA300056, AW935725, AI340713, AI859586, AI311773, AI269781, BE774325, AI311238, AW935740, AA283189, AI880262, AI311614, T75352, AI910336, AW081083, AI250581, BE069286, BE961980, BE838969, and AW629916.
HNTCN90	987	880370	1 - 623	15 - 637		AA332576, AI432007, and AF272897.
HCMSE07	988	880378	1 - 1191	15 - 1205		BF698153, BE897376, BF032925, AV698491, AV704128, AI681115, AI672348, BF446644, AW956353, AW173697, AI565451, AL079990, AW305215, AA115462, BE220951, AA148788, AW081450, AW020072, AI094153, AI088661, AI051834, AI469307, AA031780, N44611, AI610893, AW130820, AA115214, AI970462, AA233114, AI620951, N34679, AA115204, AA987696, N69772, AA495921, AA495922, BG035943, AI079994, AW236674, AI434100, AI039432, BE551078, AI770044, AA961227, AA150297, AA115067, AI873440, AA938897, AW959113, BF969641, AI301357, AW959111, AV694096, BF594815, AA603790, AA243692, AA910225, AW935153, AW834971, AV750339, AA031879, AA377521, AV728255, AI913596, AW834903, AI702644, AA961701, AW452143, AW611695, AV747546, AI352693, BE168076, AI381836, AI767254, AW605628, AI247300, BE163839, BE163829, AI050072, BF248126, BE163847, BE163920, BE163850, AA573940, BE163744, BF351192, AI830541, BF855942, BE163751, BF351198, AA081742, AI493755, BF696480, AI865675, BE163895, AW939553, BE163849, BE163741, BF348392, BE163759, AA937056, AI266405, AW138034, AI648373, AA653705, AW602492, R37287, AW576838, ZA1281, BF819817, BG170888, AI090946, AI612953, AV747400, BE073811, AW103627, AA326653, F08269, AI572322, T49708, N84377, AA364595, BG114719, D25919, BG261120, N85358, T49709, T49717, AA094410, BF103921, AA385800,

HWMEV6 1	989	880405	1 - 1841	15 - 1855	AV648266, AV648262, AV648234, AV648217, AV648346, AV648548, AV648541, AV648424, AV648503, AL355685, AP001717, AP000045, AP000113, and AP000300. BG259815, BE892851, BE539936, AW854093, BG119701, BE141333, AW629819, AI823398, BF330636, W27116, AV747223, AI581128, AL119465, AA897785, AW004741, AW613378, AI808377, AV746630, AV733232, W28405, AI280964, AW006936, AI872266, BF351925, R60290, BF856733, AW137140, AV655167, AA383051, AI167420, AA215764, BE708553, AI362366, AI184026, R28463, BF325707, BE000615, R26454, W07404, BE843896, AI701315, BF820955, AL513693, AL513865, AK025708, AX005900, and AB041801.
	990	880431	1 - 1021	15 - 1035	AI800779, AI813885, AA329926, AW976286, and AK026720.
HBPWT82 HBGOU17	991	880444	1 - 2090	15 - 2104	BE867496, BE541350, BE896556, AI809134, AI027632, N74407, N74353, AI363139, T87904, BE327405, AI560940, AW963834, AI016234, AA375952, W02620, N94712, AI797295, BF382054, BF672265, BF843748, R10903, BE931815, T87997, N63499, T06423, R10955, AA903337, D78701, AI206491, BF928321, AI083569, BF812773, BF383030, AW963833, H64853, W03115, AV707885, BF380711, AI905040, AW368196, and AL121747.
	992	880520	1 - 632	15 - 646	AI858626, AI601129, AW172770, BF975361, BE784748, AA682471, AI766986, AI991157, AA526574, AI186151, AW043630, AA873539, AI362945, AA872582, BE251892, AI216109, AI352221, AI300440, AI277646, AI200585, AI609596, N22521, AI097123, AA480240, AW955089, AA576140, AA635177, AI200035, AI160742, AW025601, T18886, BG150232, AA984955, AI918868, AA506923, AA827292, AA715425, AI197929, AI023066, AV751709, H95218, AA057620, AI298371, AI242564, AW592200, W24658, R16278, AI192319, AA995617, AI263519, AA027293, AA988287, BF844937, AA886585, T34012, F20966, AW799456, AW799484, AA503038, AW205928, AI080188, AI287554, AI698957, AA553360, D31547, R19131, AI971526, AA768130, AA745675, AA515419, AA723369, AA297339, AI571753, AA525455, H95219, BE858654, F36398, AI193352, F26599, AW273731, AA089510, AA027292, AA047785, BF926440, BE770178, D20944, AA652711, C15697, D81584, AL449243, Z82192, and AL021878.
HMALN60 HETBT53	993	880542	1 - 579	15 - 593	
	994	880575	1 - 2162	15 - 2176	AU119315, BE729577, AU143374, BE173408, BE410936, BE272249, BE275591, BE898306, BE613511, BG118257, BG105587, BE408273, BE279104, BF125749, BF027322, BE612708, BE385744, W72350, BE837421, AW471105, AW290878, AW572889, BF060903, N77334, BE391538, AW402293, BE778462, AI808711, AU145692, BF055066, AA424884, AI284353, AA307200, AA424722, AI284350, AW394131, AW612713, AA158631, BF929694, AW135464, AI419454, AW959029, AA448799, W26121, AA158431, BE645276, C15360, AW394164, BF725977, H11532,

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HRAEC49	995	880595	1 - 1525	15 - 1539	<p>AL520674, AL334182, AL514046, BG116788, BG110085, BF968470, BF979090, AU119095, BE563103, BE390369, BE264950, AW250259, AV693651, AW631130, AL520673, AA232119, BF800738, BE833908, W32462, AU126582, AI261382, AA333799, AW965382, BE833903, AV736006, W19825, BE077977, AI584111, AV687848, AW295553, Z45474, AW172648, AI579900, AI659248, AV690738, AV736678, AI761236, AI479549, AW207336, AA770013, AW043561, BF448094, T93805, AW873018, AA719366, AI765459, AI138222, AI138467, AW249494, AI739593, AI283702, AI824823, AW236706, AW193724, AA825670, W73805, AA804605, BE550316, AI969218, AA926663, AV683097, AA506158, R52016, AW771327, AW514885, AI580499, N35232, N23225, AW167821, N23136, AI685971, AI634397, AI383358, AU145795, AW630343, BF196000, AI985305, AI989436, AW089781, AI453655, T86131, AI813645, AU150687, F04205, AW272518, AU145519, BF941168, AI830373, AA725891, D20759, H29305, AU149704, AI090687, Z41171, AA879402, AA137242, AA232535, AW971038, AA757311, AW137222, R49626, AA084633, R34752, AA225197, AV741046, BE041306, BE672682, AW771855, AI702894, F03532, AV704496, BF316302, BF360963, AW078861, AA492346, AV691780, BE934278, AW002571, AI687548, AA136462, BE541691, BE260496, AA090641, BG150319, AW301178, AI399678, T86232, BE260866, N28753, AA885410, N28806, R88612, AA496176, R08969, T93856, U78723, AF132947, AL133020, AK021758, AL009179, AF151035, and AK001354.</p>
HNHBD03	996	880637	1 - 1819	15 - 1833	<p>AL524088, AL110452, AW294123, AA280081, BF589432, AW149570, AW055009, AI949814, AW130349, AI142520, AI982810, AA047100, BE855561, AW157022, AA281323, AA101644, AA938948, AA279077, AW629474, AA592999, AA485084, AA101643, AA631312, AA775640, AA047237, AI183353, AA759272, AI374883, AW892064, AW073343, AA485196, AI081003, AA491277, AI370489, AI243704, AW613930, AW613943, AA757371, AI824149, AA897566, AI362091, AI243938, AA883065, AW749657, AB047883, and AK026237.</p>

HTTCB17	997	880657	1 - 2867	15 - 2881	<p>AU132215, AL525679, AL515177, BG113333, BE869021, AI499419, AU139159, AI820049, BG121796, AW070938, BG259160, AL042008, AA984061, BE537415, BF026831, BE537527, BE388898, AA781142, AL042032, AL041636, AW972110, AL043672, BE542868, AW873327, BG058572, BE566338, AA521150, BE466680, AI090248, AU153792, AW183150, AA533251, AW969193, BE464613, AU157904, AW090185, AA236580, BF194931, AI986141, AA234444, AL515178, T64870, AI039274, BF213699, AW779867, AA761405, AA688276, AA285153, H58691, AI025833, AI283608, AA454934, AI223971, AA421748, AI025468, R58865, AA740862, AA836810, BE093352, AU149876, AA911678, T40471, AA157675, H23351, AF012373, N53133, AW895501, AV748343, AI698072, T67438, AI912060, AI220192, AA284019, T99670, AA829259, AL043673, AA224471, T39198, AA215781, H23240, BE775139, AA056347, AI698363, T99070, AL046440, BF814152, T69471, AL046465, BE869567, AI968320, AA652360, BF094036, BF960615, BF960069, AW265609, AA626470, AA428563, X84692, AF226864, AK002169, AK024285, AC007172, AY008299, U07155, and AK024960.</p>
HE9QG38	998	880670	1 - 2046	15 - 2060	<p>BE271581, AW955764, BE619409, BE866984, BG253057, AW968761, BE886116, BF344964, AW976410, BF345023, BE780277, BE785395, BF754944, AA488906, BE890845, BF512399, AW360767, AI768670, AI277757, AW044308, AW295995, AW292871, AI277756, BE675386, AV746640, AW274000, AI763411, AI438941, BF240692, BE180746, AI291098, AW004641, AI075028, BE463592, AI640134, BE676146, BF971220, AA833791, R82926, AI333095, AA928138, AA768096, BG031738, AA703549, AA878923, AA724426, AA330063, AA210688, AA213455, N26246, W44749, AA973149, N36347, H18543, BF998023, AW022223, AW779804, AA743465, AI473421, BE259189, H09231, T62124, H79886, AA334229, AI928653, BE183666, BE178263, AA827829, BE780093, BE178165, T10351, R25082, BF743854, AA234633, R17075, BE156874, AI364687, BE697397, AA234809, R33461, BF674513, AA211659, AA148773, AA989016, R09836, Z46059, R57316, N78794, T98890, Z20035, AA152343, AI547312, BE220795, BF513485, BF509638, AK024669, AF130049, and A74914.</p>
HTTJY18	999	880697	1 - 4325	15 - 4339	<p>AL525571, AL533731, BF976303, BF685788, BF685652, BF973133, BF058850, BF976400, BF976323, BG150099, BE892777, BG029184, BF237667, AV656017, BF691730, AI557497, AI766034, BG024889, BF971749, BF972796, AW962881, AI346436, BE674341, BE467218, AI693265, BF309470, BE675023, BF058658, BF111235, AI738725, AW119055, AI160450, AI017930, AI797257, AI991629, AI798116, W68181, BF591010, AA625367, AA490784, BF572914, AA044667, W67722, BF057254, BF573414, BF736112, BF130493, AI671520, BF110929, BE856087, AW500111, AA504141, AA631316, AA767225, AI806219, AW408108, BE349301, AW444920,</p>

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HPSND10	1000	880733	1 - 1638	15 - 1652	BE793894, AI807759, AW450916, BF514313, AA043271, AA743402, AW275098,

						BF063672, W03512, N67515, A1910822, A1914953, A1095495, R49704, AA857790, AW511159, BE252860, R40481, A1394479, AA827387, H21772, AA043270, R88601, BE794741, AA378050, AA953772, R13050, AW197695, BE265969, BF972450, AA323849, AW118231, R19093, T16265, H21771, C01211, BF971537, BG030873, BF941824, A1797365, and BE266351.
HDABX58	1001	880753	1 - 2031	15 - 2045		AL535214, AL040644, BE018704, AL040643, AL515259, BF984005, BG180466, AW246320, AI650302, AL042804, AI650559, BF983767, AI927626, BF223633, AI298438, AW770569, AI568388, BF062444, BE671125, AW300584, BE328819, BE465163, BG149693, AA984239, AI554609, BF195768, BE467686, BE674277, AW005800, BE046386, BF448183, AI563968, BE551069, AI797053, BE503133, AI564013, AW770770, AA894913, AA621570, BF528350, AI126557, BG007394, AW612787, AI803219, AI972673, BF195970, AW014098, AI962504, AI357569, BF064166, N25930, BF435240, H97941, AI343941, BE302273, AI275817, AW242349, AW242665, AI795978, N70583, AI536786, N29462, AW603681, AI357419, AA468485, AA467890, AI620137, AW779786, AA102261, AI040293, AA974172, AI537410, BE315558, AI565749, R37635, BF038852, R59318, AI088418, AA099791, AW958851, AW003157, W45584, AW236035, BE463765, AA670164, T51561, N35536, AA040930, R59317, AA993669, N35574, AA040929, AA467832, W45547, AI609030, AI824739, AA173919, AW088169, R35817, AW138432, AW237627, N41486, AA865263, N42494, T48178, R13777, BF358807, BF981084, AA344737, AI630737, AI868876, AV656732, AA357540, AI632149, AA211260, BF196978, AI741060, BE326367, AW582605, W04884, AA470359, AA299579, N26485, N56162, BF732830, AL515260, AV688569, AA464150, N39275, AI241922, T25989, AI042803, BF002859, AK000391, AF095136, AK000475, AF095150, AF095147, AF095149, AF095142, AF095143, AF095148, AF095146, AF095145, and AF095144.
HE9PB45	1002	880774	1 - 1225	15 - 1239		AA464839, BE269516, AW470830, AI218646, BG115487, AW504536, BE739191, AI808512, BE907567, BF381742, AW044532, W20358, AA780196, BE894120, BF031803, AA450310, BE767266, AA243525, BF248139, AI358214, AC018646, and AC008154.
HELG94	1003	880807	1 - 1998	15 - 2012		BE274416, BE796471, BE732851, BE274942, BE744582, BF569175, BE742701, BE256762, BE742144, BE795254, BF568869, BE790574, BE563305, BF568576, BE746156, BE740481, BG033090, AI278617, BF568882, AV708596, BE408128, BF314731, BE792080, BE616046, BE800001, BE262693, BF684849, BE277245, BE733530, AI609398, AW949616, BF205911, BF027522, BE727806, BE731898, BE901877, BE410318, BE798504, BF027691, BG032952, BE734282, BF206192, BF033471, BE789134, BE730490, AV722377, BF795868, BE408030, BE791118, BE254394, BE793766, AI081552, BE798773, AA621655, BE382422, BG115131,

BE734933, BE787688, BE513948, BE260840, BF206576, BE409751, BE898660, BG116758, BE407486, BE407852, BE740227, AA868455, BE280149, BE798617, BE868285, BE409448, BE390161, BE278593, BF343357, BF316152, BE727621, BE262523, BE514065, BG023982, AI290739, BE390639, AI608719, BE279396, BG032717, BE868201, BE281278, BE277366, BF204947, BE895652, BE729775, BE389707, BF309530, BE409640, AV708019, BF027260, BE744602, BF310580, BG248409, BE902109, BE278363, AV704825, BF183004, BF315672, BF570336, BE514893, BE410441, BF312894, BE410258, BE390801, BF569828, BE385999, BE276586, BG248175, BE390307, BE965112, BF182904, AV662028, BF311017, AW574771, BE410454, BF972701, BF182972, BE390006, BG250350, BF314117, BF316043, BE389680, BF314905, BE267406, BE296936, BE300696, AW575188, AA421224, BE731194, AA421214, BE906764, BF686051, BF317239, BF683145, BG251234, BF125886, BE387592, BE858260, AW009516, BE393065, BF026896, BF055246, AW193527, BF310514, BF125089, AV749488, AA868840, AW001133, BE546186, BE265502, AI376946, AI735188, AW247558, BE254798, BE304800, AW615534, BF314091, AI022091, BF689296, AI754809, AI567964, AA993670, AI143752, AI743002, AW009876, BF237748, BE276886, BF972312, AA911941, BE267492, AA888156, AA602889, AI277633, BE378913, AI689150, N40529, AW248397, BF688487, AI241348, BE514652, AA843194, AA873585, AA947889, BF313180, AA425965, AI090471, BE272030, AI273254, AA989498, AA550844, BE747789, AA579086, AW615600, AI300301, AA488241, AI284299, AI190110, AA449842, BF149324, BE740734, AA612762, AW250093, BE409261, AI026923, AA421945, BF106098, AA622170, AA468742, BG118322, AA830858, AA993166, AA078825, BE281522, BF974406, AI018058, AI564786, AW250846, BE256506, AA421946, AA410582, AA429053, AA683333, AA402945, BE785757, AI301856, R69521, AI525649, AA847314, BE742981, AA468762, AI080736, AA429082, AA460139, AV688855, AA476292, AW949617, AW403534, AI268605, AA602504, AA581663, AA443534, BF316956, AA830904, AA610770, L38995, X84694, L38996, S75463, Y11796, Y11797, T70058, T74871, T83115, R20760, R45183, R45183, H14233, H23087, H23088, H30244, H30633, R84553, R87220, R87285, R87446, H49168, H87247, H87295, H96271, N31446, N63003, N98909, W00489, W19804, W94599, W95828, N90006, AA053001, AA076631, AA078793, AA099847, AA155589, AA258525, AA460736, AA463916, AA280940, AA468553, AA587426, AA662376, AA665325, AA837812, AA857088, AA857872, AA864547, AA983218, AA988319, N53896, N79911, N85692, W05255, AA093258, AA654151, AA216765, AA248261, AA405877, AA449898, AA449965, AA455853, AA405186, AA778048, AA844795, AA773338, AI005580, Z28833, D20373, Z41560, F02045, F05797, F08593, F11498, F00281, F09159, AA693504,					
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HIBBC09	1004	880809	1 - 1786	15 - 1800	AI244591, AI269128, AI343791, AI350362, AI351795, AI417506, AI471315, AI423684, AI160438, and AI654419. AL530941, AL531095, AL532415, BE740897, AI741203, AL530940, BE888539, BG035156, AW014759, AU123486, AU155101, AI460064, AA602593, BF195480, BF110787, AA809772, AA151826, AI017084, AA905715, AA524253, AI685330, AI367986, AA935116, AI887031, AA912942, AA429257, AI372506, AI372507, AW873642, AI075826, AA349736, AA151825, AU133950, R70283, AA149523, AA693777, AI824613, AA233638, R48373, R48272, AI193215, BE736887, AI873222, AW967330, AA532784, AA954462, AA150514, AW016701, BF240820, AA349735, BE563863, BG149943, BF574008, AI961072, BE162572, AA235641, AW002935, AA410864, AA150106, AA356291, AI422472, AI572700, AA428698, BF872868, AW103184, AA878262, R70244, AI565706, AA904449, AA262321, AA338177, BE158302, AW938717, BE158297, AW844464, AK023331, AK001177, AX046392, and AI445248.
HTXJF02	1005	880913	1 - 681	15 - 695	BE393228, BE898028, BF308677, BE895273, AL537185, BF343304, BF795730, AL525354, AU132795, BE273858, BE875008, BE907136, BG034828, BE748432, BG177442, BF130044, BF207179, BF033227, BF030142, BE868645, AA130946, AW967752, AI751840, BF247381, BF569346, R51237, BE386334, R88507, AW963553, BF968741, BE391437, R97750, AA482657, BF786444, AW402179, AW072085, BG033780, BF752903, H56555, C18458, W03395, AA126401, AI076498, H93026, BE162511, BE175287, BE162512, BF766840, BE093107, BE909504, AW602285, BF766841, BG008756, AA535341, BF685918, AA380705, AL139289, AF151846, AK001653, and AF170907.
HKAEN78	1006	880927	1 - 908	15 - 922	BE887597, BE397131, BE408292, BE622330, BE703000, BF971531, BE269849, BE391475, BE302668, BF131069, AA306924, AW958831, BF978756, BE304348, T73855, T83294, BE622791, BG105604, BG014569, T85637, BE741562, BG031185, BE967252, and BG014560.
HKADD76	1007	880936	1 - 1557	15 - 1571	AI608603, BE140256, AW872982, BF832764, AW352295, AI767967, AA863266, AW085774, AW238519, AW117932, AW606064, AI310728, BF105292, BF350121, BF825661, AA865790, AW772195, BE889218, AA864183, BF354847, AI141812, BF832729, AI355569, BF832728, BF354850, BF350182, BF354844, AA595971, BF354848, BF354846, BE350405, BF825662, BF353627, AW080463, BF353788, U75833, BF736474, BE141732, BE141331, AF081497, AF193809, AX041041, AF284446, AF185277, AF193810, AF219986, AF219985, AF219984, and AF219983.
HKIYF62	1008	880972	1 - 2208	15 - 2222	AV725121, AV707643, BF339141, BG056129, AI075977, BG151555, AW950770, AA916771, AW138790, AW590751, AW813050, AA470153, BF513899, AW959548, AI458304, BF432120, AI052501, AW769287, AI968023, BF338740, AI580155, N63052,

					<p>AI141669, T26641, AI299092, AW299774, AI952908, AI224416, R70071, BF109536, T66740, AV722235, AW044072, AV696544, AV696550, AA984830, T32658, R15302, H75396, AV697431, AI904104, D79197, AW769905, H71292, T66739, AI914964, AI471036, R69835, AI655755, AW770151, AA350104, AW591768, R01232, AI362602, H94030, AI636363, AI992325, AW193477, AW451707, AV726277, H70952, H53486, N58909, AA894353, BF091805, AA984749, AA346508, T54712, H48712, AA884375, AI401052, T82266, AI828362, H71306, T33238, H69014, AI149433, AI140273, T83553, T50601, R22176, T32538, T39111, AI498515, AI904102, AW606939, H69699, T50466, H70900, AI904101, R69836, AI887596, H70889, T85787, BF432118, AI472685, R01346, AA878540, BG060053, R70026, R31989, AA639390, AI263486, AW844099, AA364120, BF997115, AI904103, AI865085, H70119, AV682251, R22177, AI472400, AB020687, AL117465, AB026256, AF214571, AF216268, and AF216267.</p>
HBXAT65	1009	881010	1 - 2036	15 - 2050	<p>BF344176, BF338634, AW952341, BF116046, AW294647, AI333224, AI970896, AI565702, AW954899, AW026640, AI363429, AI366047, AI970764, AA019613, BF056618, W77990, AU153722, AI369416, AA996293, AA886797, AA019631, BF449019, W73946, H05223, AA324354, Z44709, T75039, AA258603, F06074, R21310, T30647, AA258549, F07165, AI868234, BF726014, AA364404, F05199, N93994, H16436, AI864418, N54874, AW769672, Z38996, N53983, AI002454, AI568140, F01451, F10318, AU132117, AW898421, AW898423, AK024282, AL049594, AL157413, and AL034426.</p>
HDQDF65	1010	881146	1 - 3203	15 - 3217	<p>BF684575, BG248639, AA876064, BF346246, BE542721, AL134841, AW300940, AI475557, BE258580, AW967698, AA743018, BE266406, AI148542, BF985174, AI096921, AA877859, AW247131, AI760839, AI769927, AW469955, AI741057, BF345270, H05902, AW189409, AA292621, AI571984, AA662809, AI420935, AA258253, AI342139, F11800, AA614834, AA454726, AA609413, AA259099, BG007234, H17910, AA523889, BF062616, AI362897, AA419061, AA626687, AA164881, AA251790, AA333503, T10179, AW082517, AA586817, R39900, T07261, AI401331, R44745, AW193941, R56170, AW167262, R02386, R56058, R46137, AA419088, AI311641, AW188616, R13605, R91338, BE173817, AA857438, Z43437, F11017, AA454777, BG057202, R44375, AI424655, R24570, BE882759, AW189013, R21035, BE855859, AA912008, T10178, AA321087, AI075726, AW883652, AI880042, AW964576, T65601, F11321, AA883716, F08982, R11265, AW362253, BE884357, AA341528, BF509882, BE392328, AW855506, AI472816, AW572607, AW362295, AW269705, AW275138, AW051812, AW956424, AA376431, BE828158, AB002307, AF143946, and AK025382.</p>
HRAAA79	1011	881197	1 - 546	15 - 560	<p>AA463356, AW939129, BF513406, BE869503, AA453500, H24259, BF028435, AW997262, R19782, BE833726, and AB023227.</p>
HEOQC11	1012	881219	1 - 2772	15 - 2786	<p>BE379483, BG253105, BF036364, BG117921, BE872989, BG122284, BE908158,</p>

					<p>BG029103, BE393512, AI924972, BG025424, AW886543, BE903765, AW963659, BF869521, BE676310, BG252510, BE613638, AW601911, BF026258, AL046288, BF816050, AW601984, BF815873, AW886554, BE273287, BF206524, BE858034, AW189048, W89124, AU154847, AW750155, BF924333, AI091620, BE789523, AU150426, AA492579, AA588728, BE874322, BF807649, AI439428, AA449355, BF807659, AA634228, BF307499, AI146362, BE743794, AA043859, BF087409, AA581516, AA507328, AI469226, BF818901, BE937846, AA146720, BF198086, BF739072, AI056656, AA765659, N64539, AL046287, AW402025, AA312475, BE542739, BE843305, AI457992, BF766510, BF878234, AW005493, AA292416, AA449614, BF926645, AU128111, AA742592, AA465004, BF510887, AA405756, BF873953, BG014341, BF935056, AA078819, BE174657, AA613822, N64732, BG014370, AW603239, AV750762, AA405775, AA196964, AA367635, AA373433, W88918, BF876476, AA504065, AA652295, BG014324, BF878225, N91745, T79620, AA996002, F25128, AI364464, BF931158, AW977542, BF998898, AA515314, AA394253, AA078918, AI09748, BF993832, AA455284, N80334, BF878226, AL044772, AA377702, AA742682, BE614350, BF875029, AW593565, BE549394, AI583136, BE512844, AI097986, AI09746, BE938357, BF819427, BE168048, AA146721, T79705, AI798856, AW177744, BE140559, BF880020, AA037697, H55648, AA767252, AA810554, AA814521, BF899598, BF758045, AI675619, BF758316, BF871918, BE254219, BE928634, BF757567, BF819757, BF815545, AI872260, BF876853, BF934770, AW370721, R32993, D78805, D78848, AW078800, AW082532, AW020164, AI245304, AI688854, AK025241, AK022886, AL096741, AC004882, AC005529, and Z82171.</p>
HJKT A08	1013	881310	1 - 2024	15 - 2038	<p>AL521538, AU125521, BF793744, BG258951, AU129772, BG256358, AW134800, BE796240, BE253092, BE339282, BF822222, BE676509, AI884675, AI356274, AU159541, AI922366, BE676139, BF154835, AA522887, AI983195, AI652380, AA614362, AW193792, AI093421, AA236204, BE939312, AW474923, BE675234, AA131740, AL045292, BF478117, AU149161, AA781085, BE674720, AI417244, AW514745, AI093127, AA131671, AI276637, BE252897, AW590126, AI289900, W28544, AA775698, AW205128, AW513803, BE257415, BF589820, AA559118, AW571703, AI570252, W56287, AW379958, AW379963, BF746091, AW150930, AI873877, AI873584, AI813283, BE939111, AA256931, AW379959, W20295, W01952, BF592912, AW630205, AI367701, BF813651, BF940400, BF350176, AI689423, AW510386, AW615008, BF955736, AI813544, AA808752, AI638124, N23992, AW803181, AW379950, R61350, AW664515, BE166559, AW118104, H95563, R98051, R98291, AW379953, Z44598, BF883900, N31893, AI032934, BF590870, AA255440, AI191311, AW080110, AW135533, BF350175, BE815693, N74127, H75780, BF806805,</p>

						AA765360, AW207573, Z40471, BF376312, A1784599, AA775773, AA193577, A1933593, H75919, F27380, N36713, AA356015, A1191092, N90675, BE815761, H70361, T98923, T98966, BF900264, C17503, BF892700, BF739337, BF847746, AA236205, BF129814, H70360, BF829897, BF903297, BF901728, AW365688, BF377679, AB023221, AK024505, AK022684, and AL117517.
HFPAD41	1014	881359	1 - 435	15 - 449		BE258362, AA628882, BE870683, AA323413, AK025981, and AC024075.
HPJCS44	1015	881430	1 - 681	15 - 695		AW410782, BF792459, AW955940, AV726411, BF432662, BE857492, A1972565, A1056672, AA778523, AA037311, BF978843, W60863, BE542390, A1187168, A1245984, W60939, W37918, A1188420, AA074597, A1268441, BE314839, AA993519, A1183543, AA843776, AW084631, N29524, AA702338, AA039291, AA972616, AA781128, BE879181, AW083425, A1142041, A1936728, A1093442, BF752528, AV709792, A1140965, A1283866, A1016054, A1022728, BF727374, AV708660, AA191566, H20768, A1474142, AV725455, BF977645, AA732825, A1022724, A1201817, A1597728, A1880711, W74479, A1214595, H46202, A1274386, AA099106, AA082527, F24267, W32025, W37876, H41388, AA399271, AA748616, F37025, A1492615, AA169592, AA570212, W93530, A1004909, AA039346, AV713180, AA931071, A1936327, AA412242, A1039454, A1937220, AA393576, AA631596, AA191042, W21111, AA171620, AA471092, F20455, H46201, BF804561, AA099662, AW024785, AA397522, F26118, H40042, A1079167, A1744316, BE168709, H22583, AW969986, A1089850, AA336564, AA039531, AA074588, R11464, W35280, AW083344, H39640, AW572614, A1364041, A1870076, N92905, AA336799, H93751, W31483, R06172, H40066, AA375644, AA075264, R24250, W23700, D59290, A1369962, AA878296, AA814448, AW189383, R06070, AA972872, W32815, AA687569, AA903674, H30376, AA039530, AA094633, AA336940, BG231432, BG055617, BG150940, AL534991, A1879443, R19365, AL080092, AX013073, AC021016, AL008629, AB033010, and Z56173.
HTAIV82	1016	881434	1 - 567	15 - 581		BF359265, and AC018644.
HACBW10	1017	881438	1 - 2139	15 - 2153		BE740110, BE614199, BG036606, BF794271, BE613968, BF339038, BF342453, BF032766, AU136216, BG179790, BF968635, BE387671, AL038560, BF663954, BE885970, BE904104, AL135459, A1436201, AW953307, H06465, BE383320, AU158350, A1571292, A1554757, AA833753, BG254361, A1096785, AW007492, BF434626, AW089504, A1564422, BF058524, BF435000, A1089681, AA617824, A1885122, BF440008, AW964852, A1362817, BE855624, A1356360, A1221373, H10224, A1073914, AA166886, AW366102, H05556, BE888184, AA676650, A1934653, AW296155, AA872203, H10972, H10973, A1492601, A1125539, A1799298, A1498933, A1061152, T15503, AA458601, AA872209, AU156575, R61036, T17436, T33613, AA569366, N28604, A1498749, A1872252, AA279193, M85530, A1916485, Z39785, T17456, AW005804, AL135454, AA452779, AA279199, Z43723, Z44967, AA011623,

					F03929, AA864353, R15053, AA737685, F06742, AW207302, AA016231, AA452597, F03006, H05094, BG024484, BF091804, AL041610, Z41569, T30470, T33612, AA971792, R60917, W22888, AA634464, H22893, T85832, Z44975, AI364739, AI886876, R68361, AA593613, Z42662, AI468715, T90946, T03431, F03936, Z38824, HI0280, AW292730, AA531008, BF091800, AI630936, AA011624, AW021870, T31134, AL042719, T16989, AA026059, BF248005, AW837834, AA922189, AV696791, AV701983, AW949795, AV703593, AW955686, AV703222, AV648263, AV652027, AV708723, AV729263, AV726520, AV690768, AV652617, AI557254, AV726619, AV684075, AV703159, AV708622, AV726058, AV708961, AV696106, AW951263, AV689111, AV728157, AV692345, AW953872, AV708893, AV686083, AV659536, AV706219, AW959837, AV707541, AW952422, AV704637, AW952409, AV726624, AV709604, AW954113, AV708004, AV704955, AV652156, AV701707, AV728360, AV727799, AV705693, AV726784, AV708704, AV702427, AW959800, AW953515, AV702932, AV654030, AW952400, AV725617, AV697498, AV728270, AV709256, AV727807, AV726951, AV658332, AV703456, AV728455, AV725991, AV650283, AV650591, AV650691, AV725745, AV683994, AV650768, AV696866, AV687946, AV706279, AV728436, AW952183, AW954384, AV704042, AV697288, AW953787, AW960326, AW959910, AV709407, AW955012, AW959991, AW956384, AV656903, AV661704, AV697196, AV709587, AV659389, AV655280, AV659294, AV727787, AV686060, AV686064, AV660608, AV659322, AV726156, AV654908, AV698545, AV656478, AV683272, AW951618, AV708834, AV709314, AV708381, D87452, AF217994, Y11505, S68736, A91160, AX047063, A84916, and Y08991.
HUFBN79	1018	881443	1 - 841	15 - 855	AW973329, AW009523, AI889430, AW962430, AI738681, AA777585, BE937139, AI148315, AA316389, H46384, N59780, AW074190, AI040187, AW961240, AW955741, AA555061, N38810, AW205276, AW591603, AW262608, H28204, AA877684, AW272559, BF331766, H48174, AW130846, BF880021, AA326799, C02557, AW004767, BF333513, BE073479, R01004, BF379202, AW001128, BE164371, AW748729, N45441, AI668923, AA366208, BF840169, T99197, AK000409, and AF119884.
HCFCN07	1019	881450	1 - 1193	15 - 1207	AL528558, BE563118, BE618260, BF062004, AI948496, AW956772, BE873416, BF337652, BG119576, AI632017, AW337120, AW514979, AI769937, AW576956, AW073564, BE501678, AA716674, AW151678, AI675915, AW440597, AW439081, AA635630, BF339544, AI021957, T89118, AA922428, W79669, AV711994, AI146673, AI150788, AA480505, AA227693, AA227676, AW731897, AA531425, AV741311, BF331855, AA262822, W01192, AI393050, N32689, AW958904, AW954092, AI750137, N81110, AA632822, AA962088, AA912464, AW576950, BE771047, AA449555, AA527708, BG035620, AW582590, AA641605, BE464403, BF838128, AW610549, AI203728, H43962, BG057162, T89207, AA384355, F09351, BF830478, N42656,

					AA353461, H43963, AA304927, AL530046, AA653574, AA469257, F11691, AA384281, AI825709, AA236953, BE771051, T59024, W74169, BF574249, AA156909, N31860, BG120180, W69603, AW615667, AW996173, AI672113, AI475081, N48371, R06017, BF837097, BF681192, W92848, T59099, AI270106, AA815439, AW291193, BE089692, AA831220, AI217844, AA781532, AI268834, AI023965, AA953550, W24031, AI240967, AW605655, AI806236, AW873478, AI619512, AW779424, W24259, AW772375, AI001999, AI827606, AI677730, W31758, W78992, N40651, AW954182, AF132733, AL049944, AF129927, AC036103, and T98083.
HLWDZ66	1020	881490	1 - 880	15 - 894	BE869339, BE874350, AV649008, AA446693, AW992782, AA449142, Z45275, AU132020, BF241714, AV648920, H06908, AL138309, AA173638, AV648696, BF690788, AW607264, BF959303, AU132889, AB011100, and AC053513.
HEONP58	1021	881498	1 - 611	15 - 625	AI573144, BF310612, AI289200, AL523370, BF206642, BE263288, BE260193, AI244184, AA806849, BF436307, AI193797, BE397874, BF058254, BF330701, AW820218, AW609612, BE386938, BF312852, AW068762, BF967177, BG179208, BE612391, AW379978, BE792210, BE260100, M63005, M63480, and M63544.
HMAGN1 9	1022	881531	1 - 1888	15 - 1902	
HFCAP42	1023	881569	1 - 1603	15 - 1617	BF337564, BE383862, BG109450, BE260636, BF026125, AW602452, AW602460, AW602469, AW577721, AW602456, AW602495, AW577725, AW577724, AW577730, BE073803, AW577723, AI935269, BF978294, BE387764, AW393741, AI554727, BF954781, BE391357, BE387938, BE073809, BE408267, AW577936, AI934780, AA532444, BE073814, BG163219, AW752866, BF942048, AA007355, AW577937, BF331556, BF691827, BE302779, BF834807, AW614020, AW577929, BG117998, AW393760, AI865671, AA328834, AW750184, BE073812, AW083480, AW750507, AA576539, AW577938, BE073815, BG104388, AA069307, N28611, AW593736, BF942387, BE207564, AA975612, AA007354, BF989784, AW470660, BE391682, AW292203, AA677613, F17262, AW602467, BF942263, BF221918, BE408642, AA369174, BE563781, BF811624, AA339038, AA974293, AI829240, AI361968, BE277321, BF432131, BE857481, BE729534, AI424193, AW337629, AI829535, AA065030, AW953866, AW957069, AW953861, BG118833, R29160, AW581406, AW577713, BF726777, AW608494, BG260813, BE409442, BE620402, AF151100, AX017292, and AF151099.
HWBBT49	1024	881570	1 - 1482	15 - 1496	BE154994, BG117690, R98131, BG164212, U46357, AA625233, AA625502, AA312886, BF803350, AB037784, AC007919, and AC007051.
HDPBT62	1025	881683	1 - 460	15 - 474	AA459557, BF379284, BG177419, AF215666, and AF006466.
HDITT02	1026	881693	1 - 762	15 - 776	AW953511, AV713133, AI533549, AI151271, BF680161, BE567704, AW024992, AI870840, BF792700, AI880451, AA908906, AA772305, AI887674, AI533508,

					AA457022, BG254481, BE740398, BF965078, AA627705, BF676716, W44481, BF698765, W44482, BF593868, A037861, A1749662, BG057258, BE858339, BF939877, BF029355, AI831432, W93586, AA662361, AA846577, N90934, AV713332, AI023963, AA86324, AI920818, AI367861, AA010986, BF678266, AI375600, AI130861, AI148376, AI142976, W96112, AA311729, AI184083, AI074487, AA441798, AV703885, AA041291, AI075462, AI305812, AI311650, AI459890, AI688197, AI200171, AI089048, AI139710, AI055873, W93991, AI277942, N33171, AA627875, AA010864, AI343838, AA292455, AA740427, AI559139, AA781322, AI300894, AI078842, AA889300, AA505305, AA860749, AI087202, BF448664, AI279172, W93959, AA708127, W96113, AI921825, AA129812, W65434, W01700, W40172, AA045763, AI186164, AW272753, AI343547, W17049, AW022066, AA057194, AI350550, AA627816, T76967, AA045762, AA133759, AV651908, AA236720, T66881, AI623106, BE464303, W65493, N98224, F20466, T66904, AV712096, R91613, T78913, T78966, AI127011, AV712997, AA363481, N44954, AA725249, AW020886, T66905, BE816929, R98885, AA355485, AA363483, R98975, T77131, AA483803, BE816942, BE787095, AA319513, BE816894, AA041324, T97680, AA133760, BE816902, AA129813, BE835833, AW975134, AA805825, AA047510, AV729389, AV725012, BE835784, T97681, AA437236, BE835786, AI222618, AW769199, AW008998, AI536726, BF034502, T24035, AA456863, N51310, AA047453, R91564, AA057128, AW581643, AI039763, AW581629, AA916261, AA382562, AA321463, AA593209, AI557611, AI091782, AW581628, N64447, AA442301, W93484, AI367439, D19913, W93914, AK026030, AF107495, AF201944, AX013699, and AF191020.
HWHHS59	1027	881714	1 - 710	15 - 724	AL520479, BF969872, AL529639, AL528965, BE733103, BF315512, BE896377, BF347695, BG179113, BF340204, BF913055, BF726952, BE247601, AA078212, AI081542, BE303038, BE276637, AK024482, and AC012351.
HIPC29	1028	881766	1 - 2217	15 - 2231	AL525037, BF981660, BF038648, BF342088, BF685192, BG248652, BE798260, BE904021, BE869370, BE786013, AW246414, BE871597, AW246657, AI819396, AI684664, AW474451, BE790337, BE502853, AI224933, BF316425, AA857894, BF590803, BE551214, BF515606, BF431266, AI017549, BE671006, BE300752, AA411548, AA401323, AI769337, AI017976, AW161307, AW190690, AA603749, AA460776, W78041, AI354360, AI498969, AA460347, H06972, T09106, N57956, BG118868, AA642968, AA024573, AA729823, C15623, D60461, N94972, AA758511, AV704595, BE383359, AA024574, AI927462, AA403032, AW117427, BF828303, AI198324, AA972802, AA888960, R15775, D20809, AA603748, D80699, AW963491, T34850, BF155054, AI923958, R16281, BF155087, AF136581, BF155058, D60460, BF155086, BF941705, R60043, AA758533, D80479, H06971, W23881, R60105, R56605, T12595, BG113055, AW950223, AV728874, AV694674, AV703687, AW959848,

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HHEBM09	1029	881890	1 - 2019	15 - 2033	BE550121, BE550881, AW978299, AA456815, AI016711, HI7272, AA973867, AA807104, AW070411, AI801578, AA871995, AI214534, AI827031, AA620701, AW591994, AA578764, H09747, AA234676, BF662989, AW892114, AA235336, HI7273, AW135819, HI0879, R60963, AA813434, R41826, T83087, AA365780, R88233, W23270, HI0837, T81134, T81086, R61630, T90551, R88232, BF944317, HI2924, N73837, W00880, AA321783, AW382527, Z99714, and AL161993.
HDPV17	1030	881907	1 - 805	15 - 819	AW500126, BE247767, AW505168, AW504620, BF898211, BF359759, BF848858, AW937962, AW505005, AW505007, Z55636, and Z55271.
HBGNO49	1031	881968	1 - 551	15 - 565	AA194366, AW168461, AW168460, AA582260, AI270766, AI609321, H03116, AI014657, AA155614, BE241450, BF718676, AA078843, N28719, AA102492, BF983729, AA052893, AA101020, Z25175, BG113833, H25463, AW406211, AA292172, BF663546, T84848, BE271158, W07816, AA985274, R50289, BE241528, AA296841, AA424970, AA308772, AA516434, BE273260, BE301829, AA400177, BE251580, AI868512,

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HWAFAQ40	1032	882003	1 - 548	15 - 562		AA292293, AI417145, AI052002, AI399688, BF940742, AI804652, BF434698, BE674681, AI692887, BF126043, BF435114, AI692862, BE563793, AW976577, AI797237, AW024378, AI218747, AI682382, AW969124, AI660374, AI421955, BE563604, BF727404, AI052043, BF002326, AI078829, AI081925, AW303349, AI079891, AI201317, AA280612, AI911322, AI014708, AI424419, AI379672, AI220001, AI243680, AW149840, BE792270, AI239775, BF438082, AW340701, AA825606, AI949421, AW172372, AA287874, AA767433, BF940637, AA811865, AI494495, BF940305, AI399870, AA830452, AI815486, BE314632, AA236913, AI568914, BF310470, BE262681, W37474, AI193910, BE562193, AI084588, BF206322, AA743828, AI669558, AA815099, AA258200, AA825748, W44803, AA807434, AI672892, AA832087, AA732158, AI767075, AA721077, AA808663, AA732159, AI084287, AA905024, AA461042, AA461089, AI200625, AI220239, BE268270, AA830827, AI816426, AI805926, AA806183, AA491166, AA485351, AA282224, AW188602, AA430366, AA741439, AA282216, AA836088, AA811760, AA905197, AI611305, AA743766, H97411, AA743765, AA808040, AA197166, and BE274116.
HTLGZ03	1033	882014	1 - 2631	15 - 2645		AL529222, AI654857, AI651405, AI660075, AI431898, AI921808, AI672616, AA947309, AW575034, AI624730, AI631881, AI624728, BF983806, BF594215, AI570936, W07754, AI460327, BE798665, AI025529, AA620869, C17310, C16874, R46681, H26800, AI491709, AA806378, AI623325, H45081, AI917017, BF895967, BF091262, T40637, AI350516, AW236839, AA310232, AA768926, AL529223, BG009720, BE646092, BF594777, BE621379, AW176705, BF795359, AA650038, BG012781, N24032, AI201217, AW197267, R46682, AW016207, BF851617, N80693, AI631550, AI992313, BG150450, N35426, BF375280, F35365, H14527, BE829348, AW372130, BG005101, AA948504, BF747812, AI825439, BF511851, AA720646, BF741419, BF848728, BG009905, AV704306, BF759416, AA206102, BF878062, BF739332, AF053356, and AR016407.
HLVXC18	1034	882016	1 - 582	15 - 596		N28696, N23033, AI417970, AI379543, and AI288223.
HSDEK82	1035	882064	1 - 489	15 - 503		AL532638, BE514802, AV726836, BE742339, AI739570, AA298803, R16034, R16035, AV722117, H30310, Z42004, AA302987, BE735910, BE563252, BF342113, AF137386, and AL020989.
HCEMU86	1036	882164	1 - 2506	15 - 2520		AL525387, BE250477, BE266966, BE875768, BF342026, BF345633, BG028087, BE250624, BE793426, BE272606, BE265171, AW956920, BE313236, BE250545,

HKAEF60	1037	882197	1 - 1447	15 - 1461	<p>BF962681, AI803000, BE294760, BE250288, W28902, AA987266, AI694781, BG028973, AA780441, BF515267, W26632, AA861408, BF308416, BF345370, AI092574, AI275574, AI598157, AW183676, AI254357, BE465640, AA496337, BF310504, R87939, AI360413, AA206559, H06785, H14668, AW468727, AA443069, N64039, AA437394, AA496386, AI499867, BF926997, T83673, AA351204, AW007070, AW007079, H14395, AA085216, AA582263, T08889, AI459298, AA935784, AI982847, AA082863, F07213, AI933154, T33930, AI683546, AA324000, R87940, R44524, AA458567, AI366734, AI002322, R35601, H06735, T08328, H09089, R85233, AA325921, F02224, AA931914, F07449, AW961015, T09198, AA297096, R40510, T07392, AI871410, H14346, T23691, R13080, AA975823, H06678, R24819, AA551277, BE170619, H09438, AA062851, F05981, AI952507, AW905061, T83837, F09630, F11982, T30652, AW898087, T34755, H21015, H41293, BE504353, AA365773, Z41461, AA776600, AW957608, AI694488, AW960935, T65199, BE842787, F08411, T33716, F08469, D54295, T08309, F13035, R58912, BE931615, F10628, T05132, AW900874, H41292, R51804, H07116, AI567931, T33189, BF944891, T03545, H06677, R41862, Z19847, BF944906, F04626, AI468068, AW900857, AW497601, R16332, T65130, BE784242, R38256, H06605, AI682106, AL514421, AB018279, S47919, L05435, L01788, AF196781, and A75140.</p> <p>AL519325, BF966927, BE788945, BF984772, BG024762, BE876512, BG178394, BG171598, BG026521, BF980195, BF339692, BG115326, BE893953, BE891789, BG035486, BG035412, BG168514, BE896770, AV724674, BG169368, BG121055, AV722711, AV751805, BG030039, BE967432, BF979171, BE896854, AV762094, BE891353, BE537978, AI079871, BF245516, BE783063, AI141548, BF969158, AI754452, BE779848, AW300378, AI884994, AV706988, AL519326, BE888451, AA203251, BE504261, BE766678, AI744514, AV694667, BE546429, AI557059, AV729483, AI458068, BE910521, AW242918, BG116928, BF196900, BE870029, BE081688, AV727905, AW055218, AI802141, AW593406, W67445, AW779043, AW602202, AI951522, AW964276, BE562307, BE392757, AW957266, BF815064, BF033763, AA526064, BF817011, AI160333, BE218383, BE895407, AW237570, AW274411, BF732811, AA609534, BE908193, AI459327, BF698223, AI283096, BE856881, AI222806, AI148933, AA083482, AI147909, AW300715, AI568762, AI090774, AA563763, AI278463, AW514410, AV751302, BF382334, AI879602, BE890646, AI032613, AI066533, AI143315, AI753784, BE857576, BE081677, AA847652, BF541738, AW340856, BF316031, AW026015, AI879218, BF825668, BF212884, W56491, BF669268, BE866663, BE855684, BF439164, AA535049, AA456761, AI554135, AA001460, AW264821, BE047202, BG163285, N36124, AA130194, W68068, AI128476, AI218481, AA156535, AA633881, AA156569, AI362255, AA563834, AI090230, AA232691, AA614829, AI912414, AA999950, AI278461,</p>
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HEORN16	1038	882261	1 - 1757	15 - 1771	AL529136, AL519036, AL519037, AL522565, AL529135, AL530266, BF528553, BE745103, BF971144, BE745909, AW328641, AL523650, BF796812, AL525532, BF982724, BE889377, BE514827, BF036473, AW241827, BE378558, BE207101, BE675053, AI888192, AI990765, AA469984, AA469998, AW583031, AI660851, AA412213, AW615511, AW269957, BF589410, AA829396, BE673372, AW873087, BF589512, AW590539, AA834131, AW004730, AI204640, AA233023, AI339908, AW183546, AI434667, BE300850, AA884392, AW769309, AW138531, AA377194, AA555187, AL523649, AW138564, AA232705, AI698753, AW584027, AI950847, AA340084, R09010, BE151689, AI864316, AA523007, R05695, BE122646, BE122728, BG252040, BE967104, BG164371, BG257535, AI620284, AI434223, AI515035, AI281773, BF812961, AI591311, AW166970, AI621209, AI499512, AL045500, AI564719, BF812938, AV709517, AI702406, AI538716, AI802542, AW026882,

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HKGBJ74 HOSPA48	1039	882285	1 - 1505	15 - 1519	E07361, A93016, X84990, AL117585, AK026592, AF113019, AK000445, AF146568, AL049464, AF130066, AF113699, AK025958, AK000618, AF219137, AL096744, X63574, AK026608, AF119909, AL133557, Y16645, AL359618, AK026045, AK025491, AF158248, AB019565, AK026855, AL122123, AL137550, AL110225, A65341, AK026353, AK000137, AX006092, AL117394, AF119899, AL133093, AJ238278, AK026583, AF130099, AF314091, AK027096, AK026480, AK026532, AK026452, AK000212, AK000652, E03348, AF017437, AB051158, AF225424, AK025092, AF017152, AL133560, AF116649, AL080137, A08910, AL050277, Y11254, AJ000937, AK000432, AF125948, AK026744, AF242189, AL389982, AF091084, AK026504, AL117583, AB048954, E07108, AK026534, AL050138, AL359941, AK026533, AK027113, X82434, E02349, AL353940, AL049300, AF177336, AB047904, AK025772, AB052191, AK025391, AL050024, AL137283, AL049430, AK026959, AF130077, AK024524, AL121656, AF097996, AF119871, AF130110, AK027164, AF079765, AF116682, X72889, AL049382, U00763, AX026824, AX026823, A58524, A58523, I33392, AK026927, AK000323, AK000647, X70685, AK027204, AK000614, AK025967, AB050510, A08909, M30514, AF175983, AL122098, I03321, AB034701, AL137271, AK026947, AF183393, AB049892, AK026086, Z82022, AK025414, A08912, AF116610, AL137538, AB052200, AL137521, AL137463, AL122110, and AA412253.
	1040	882296	1 - 1434	15 - 1448	AI948463, AA418644, AI949922, AI768115, AA284110, AA772347, AA845494, AA418546, AI275388, AW152307, AI378219, AI034454, W46849, AI242477, AA132260, AA844126, AI278292, AI123511, BF765757, BF762049, AI042424, BF432166, and BE814583.
	1041	882307	1 - 1868	15 - 1882	BE903053, BF974033, BE737271, BF725307, AI660289, AW170480, BE385904, BE872320, BE880578, BE389504, BE612935, AW025104, BE735708, N32029, BE735713, BE612487, AI554626, AW965442, AI824083, AA147069, BG121402, AI858522, AI207807, AI887529, AI888792, AA579614, AI880550, AW440599, BE620230, AW778790, AW026319, BE855617, AW274229, AW996250, AI148845, BF737363, BE045805, AI129536, BF739048, AI925547, AI887385, BG236131, BF737027, BF737029, AA740914, BE872552, BF106166, AW275948, AW770443, AV706006, AI203703, BE962001, AA132937, AI185318, AI149136, AI560703, AI744227, BE563094, AW473333, AW238844, AL278235, AA147067, N67758, N58187, BE327960, AI148573, AA862418, BF925610, AI609931, AI086963, BF683071, AA429385, AA570313, AI268499, AI459579, BG023794, AI188659, BE396045, AA085909, AA146728, AI669346, AW514379, AW589530, BF752888, BF002743, N34497, BF184179, AI267868, AI798532, N33057, AV752810, AA668732, BF881295, AA024815, BG006947, AA424525, AI983399, AW604945, BF769006, N70951,

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HRDEP41	1042	882351	1 - 486	15 - 500	BF528001, BF109385, AA324953, BE384247, BE389133, and BE743456.
HFVUK60	1043	882352	1 - 1047	15 - 1061	BE560063, BE268305, AW607831, AW607830, BF528121, BE795653, BF931304, R49759, AC006329, AI245738, and AF124427.
HTJAC60	1044	882355	1 - 1315	15 - 1329	AL522284, AL522283, AL530766, AL516443, BE896237, BF527253, AI444603, BE905679, AW363180, AW274515, AA442374, AI928433, AI806931, AI092561, AA628013, AI184518, AW387082, AW262020, AA729980, W35309, W92109, AW340561, AI436261, AA659720, AI803297, BF155792, AI802763, AA527556, BE813043, AW593087, AI186442, R77144, H27628, AA953344, N39838, H44089, H00226, W91980, AI799506, R73264, AI831001, R54966, F24469, AI934101, Z38258, AW451099, AW956287, AI028279, R54777, AA649995, T35406, F35703, W23709, R71423, AA548429, R77145, BE094602, AI940309, and AC006330.
HMAIH15	1045	882500	1 - 1528	15 - 1542	
HTTDZ74	1046	882514	1 - 604	15 - 618	AL046705, BF805258, BF447783, BF512392, AK024416, AF055084, and AB014586.
HUSGC38	1047	882527	1 - 1768	15 - 1782	BG253939, BG104999, BF792527, BE867371, BG104768, BG105488, BE907153, BG261040, AW410417, BE890543, BF683867, BE872122, BE256163, BF816997, BF980885, AV692428, BE155885, BE872334, AV661759, BG108496, AV661774, BF309102, AI984229, BE549071, AW467342, AW304765, AW731712, AF169958,

					BE963429, BE674507, BF968596, W60791, BE877315, BF968461, BE378320, AA149624, BF512684, BE044304, AW083191, AA152005, AI751170, N50073, H99236, BF683510, BE709864, BE618385, BE538839, AW957470, BF791535, BF308959, N26359, BE618646, AA130811, AW297053, AL515743, AW780084, AI698682, N39643, BF130128, BF769181, AA350630, AV696806, BE504315, AI306722, AL515742, BG121663, AA628399, N49092, BF194821, BF839730, BG166768, AA171899, AA338104, BE536661, AA373359, H49072, AV739544, N48019, AI866098, BE875495, BE244344, AI698019, AA232381, N88038, AL514280, T60212, R17160, AW612114, BE815669, BE897480, AA446772, BE515308, AW630196, AA304803, BF793772, BF961737, AW965989, BF826581, BG033863, F06197, BE172618, BE241684, BE208739, AA625850, AI743618, AV748691, BE502704, AA181622, R14322, BE147198, BE241797, AA826581, BF351788, AV655873, AX013754, AF161470, AL137412, AJ271091, AC004139, AC007739, AL139396, and AA723906.
HLHAN77	1048	882559	1 - 658	15 - 672	AA359175, BE832983, AW303295, BG011612, and AF279144.
HFPKI70	1049	882564	1 - 792	15 - 806	BF329593, BF329589, BF329592, AW901804, AA488312, BG168163, BF245596, BF370578, AK000154, and AC005870.
HDRMD17	1050	882582	1 - 509	15 - 523	AA323772, T05374, and AF184921.
HEMDM1 6	1051	882648	1 - 748	15 - 762	BF972936, BG027591, BE729905, AW160967, AA211700, BF037732, BF037256, BE407268, BE797513, AI341467, AI279873, AW963125, BE391249, AV708486, AW161216, AA428676, AV701828, AW303833, N39835, AI815782, AI608966, AI815401, H09215, AW162570, AW161752, BE618011, BE618567, AI357796, F08612, AA053621, AW879350, BE066310, BE279619, AI309740, AI081095, AA359671, BE066572, AI866956, N26682, AA428187, AI083998, AI083946, AA431956, AA928901, H09158, AI031722, and AB041600.
HODGL52	1052	882663	1 - 1187	15 - 1201	AL525334, BF570227, AL525290, BF569253, AL519725, AA152027, AL519724, BE547726, BE899555, BG122326, BE274160, BF665062, BF978637, BG253307, BE881665, BG024050, AI858573, BE275351, BE385877, BE875567, BF037644, BE782705, BF681176, BF679407, BE048164, BG178862, AA152101, BE878922, AA872929, BF977711, T65558, BF033946, BF210760, T65625, AI935280, BF726967, AI857440, BE709569, AI806259, AA448606, AI802978, AW439396, AI088384, AI167984, AA122077, AW571878, AI079195, BE220603, AW084666, AW168968, N31228, AA612986, W58232, AA857749, W58321, F12021, AA026941, AI362267, AI741916, N26488, AI042091, AI240880, AW170483, AI368222, AI362298, AI936087, AI423537, N21293, AA699436, AI347040, AA835525, AW952600, R73924, AI308774, T93931, AA649894, AI359313, BF904576, F33942, W87299, AA857940, N25481, R86323, AA336522, W19370, AI424002, AI085418, AA318200, AW392447, W58167, AI364285, AA300524, AA777370, N35539, AI921547, AI863300, N75591, AI554631,

HSLGA24 HMHBT84	1053	882690	1 - 759	15 - 773	AI695142, H72251, AA551499, AA512961, AW392454, AA532617, AA887904, BF917784, F09668, AI972572, W87436, AA493704, BF869008, AI582228, AA122076, AW076044, AA876794, BF000749, BF680549, and AF165187.
	1054	882784	1 - 934	15 - 948	
HHEDW60	1055	882799	1 - 771	15 - 785	BE548954, BE292730, BE545268, AA478086, BE545787, W17267, AW068025, AW801618, BE242712, BE242609, BE745101, BE745120, U52870, T35951, T35949, AA381001, AA381111, BE243322, F12018, T74373, Z45645, AW962144, AA309821, R05679, AA090647, BE545826, N78860, AA359844, AW370596, and R17501. AI589203, AI672363, AI631066, AI810806, AL526382, BE223017, AW516543, AL526418, BF439775, AI654696, AA700425, AW249815, AI581871, AI271343, AI127886, AW044228, AI769068, AA188637, AI240526, AI142895, AA084919, AA451876, AJ293448, AA074549, AI351007, AA482390, D20750, AA463624, AW090810, BG236022, AI143138, BF110489, AI762690, BF105136, AI752042, AI127226, AI912224, AA626231, AV736041, R56145, AL526706, AI336960, AI962785, AI690749, AA035626, BF738182, AW139485, AI762681, AA847532, AA426415, AI625813, AW856202, AI940415, BF915385, AA062842, AA599682, BF755060, AW374890, BE905270, BE464447, BF883361, BF738076, AI659071, BG109861, BG260622, AA953644, BG026484, BF343118, BG178754, BE875004, BF338495, BF338479, BF946550, BE881519, BE886648, AW025168, BG255146, BE878170, BE870547, BF528358, BG107033, BE540247, BF343613, BE881600, BG178761, BF969312, BE879306, BE910347, BF337962, AL357472, AF201694, AF308803, U35245, AL158206, and AI341435.
	1056	882805	1 - 839	15 - 853	
HNGNU93	1057	882813	1 - 649	15 - 663	BE504107, BF000553, AW629345, AW515639, AW274021, BE219751, AI808035, N53667, AA129710, BE964325, AI185668, W73671, BE744137, AW242065, AW571901, AA884894, AW612719, AI092687, AI949723, AW014984, AI808036, AA693604, W56523, AI393252, BF434501, AI340027, AW341806, BF056952, AI218938, AI022045, AW301286, AI039071, AI808859, AI949271, AI932541, AW014415, BF221606, W73623, AA489394, AA725874, W56587, AA342548, R02181, BF839205, AA733025, AW517830, AI017031, BF001499, AA279068, AA804595, AW960404, BE466157, AV721907, AA664956, T93900, N73032, BF091798, AI916642, BF970939, AA404545, H68702, AW242977, AU131256, AI766502, BF130696, AI370338, H46903, AW582396, AA089818, T12052, BF132948, AI581389, AA357318, AA328992, BF085220, BE764751, AA316087, BE706349, BE706344, H53517, H45572, W85768, H02085, N72447, BF911617, AU153833, AW364955, AW803956, AW803958, AK023161, AK026217, AK021517, AF161431, AK001540, and AK001752.
	1058	882839	1 - 2048	15 - 2062	
HARMS29	1057	882813	1 - 649	15 - 663	BF197708, AI421722, AW450481, N46441, AA301550, AI908682, and AC007879.
HAMHH2	1058	882839	1 - 2048	15 - 2062	BE886340, BG261027, BE613248, BF343091, BE612795, BE881056, BE545037,

5	<p> BE546926, AW291388, AI765134, AW007665, AI377415, AI312034, AI139126, AW294971, AI804004, BE348593, BE549965, AI298970, BG110270, BF743165, BF746037, AI609334, BE871297, AI453049, AW662334, AI187035, AI003382, N63646, BF743171, AA987476, AW769867, AA617871, AA278618, AW088114, AA652435, BG010682, BF765752, AI590008, AA688365, AI620777, BF935707, AA576793, AA934403, AW085080, AW407039, AW204196, W31287, W03360, R71903, AI215461, AA628850, BF746031, BF686406, T77456, R68858, T77242, AW183702, BF346834, R68764, AA490733, R71939, AW025913, T70873, BF055186, BE003757, AI439436, AW088952, AW956400, BE073330, AI886100, AA340298, BE073212, BE073282, AA281918, BF090926, AA931545, BF203846, BF205373, AW879014, AW882722, BF112178, AW394035, C02040, AA836053, BE382886, BF311601, BF743178, AI669597, AI432644, AI623302, AI431307, AI431316, AI432653, AW081103, AI432666, AI432650, AI431238, AI432654, BE672759, AI431321, AW968355, AI431323, BG249858, AI431315, AI872423, AL047611, AA514684, BG028055, BF726322, BF338027, AI432677, AL514563, BF811804, BF337604, BG028216, AI431246, BE897632, BF726297, AI538850, BF726234, BE539580, BE782316, AI866786, BF345716, AI924051, AL042729, AW151132, BF528721, BE875644, BG167830, AI866458, AI590043, AI610411, AI537677, AI494201, AI500659, AI866465, AW858522, AI815232, AI801325, AI500523, AI354981, BF034273, AI887775, AI582932, AI923989, AI284517, BE826157, AI500706, AI445237, AI491776, AW151138, AI521560, AI889189, AI500662, AI539800, AW172723, AI284509, AI582912, AI538885, AI440263, AI889168, AI866573, BE883591, AI633493, AI434256, AI866469, AI805769, AI434242, BG106905, AI888661, AI500714, AI284513, AI888118, AI859991, AI436429, AI889147, AI355779, AI623736, AI581033, AI371228, AI285419, AI491710, AI440252, BE782626, AI860003, AI610557, AI242736, AI828574, BE880000, AI887499, BF792586, BE018334, AI539781, AI539707, AI285439, AI559957, AW089557, AI521571, AI469775, AL043089, AI559976, AI440236, AL042853, AI890907, AI355126, AL042931, BE536417, BG104735, BE885490, BF812963, AI567971, BG114012, BG252929, AW193606, AI539771, AL042488, AI815239, AL134524, AL042655, AW151979, BE875419, AI432656, AL045163, BE962698, AI804505, AI866691, BE893692, AX030435, Y17793, AL133049, AL133053, AL122101, AL133076, AR015970, AB047887, AL110296, AX040958, AX040974, U30290, AL133074, X59414, AF218026, E13998, AC002492, AL133084, X99257, AL122049, AF132676, AF061836, AL133655, I33391, AL133070, AF119896, AX041002, AR008521, X69711, AL049423, AL133051, AF119909, AK024978, X86693, AL133113, AK026608, AC004213, AK027217, AK026592, AF217998, AR034821, X55761, AL049382, AL117649, AF130077, AF180525, AR070212, S66283, AF002985, E12888, AL122106, I30339, I30334, and AL133015. </p>

HLCCLA47	1059	882849	1 - 795	15 - 809	AL536471, BE262590, AL524210, BE262591, AA452366, BE161346, BF313719, BE262802, BE906544, BF30183, BE382881, BF372488, BF358549, BF358576, BF358542, BF358541, BF358536, AA074050, BF358552, BF358565, BF358571, BF358562, BF358581, BF358556, BF358560, BF358567, BF814687, BG179981, AA351338, AA389667, BF991369, BF351049, BF851369, BF371060, BF343890, BF337072, AA164949, BE743888, BE907724, BF904506, BF847806, BE746082, BE744431, BF852128, BF358547, BF905620, and AC008753.
HDPSO06	1060	882888	1 - 1946	15 - 1960	AL527984, AL530814, AL533225, AL534127, AL527985, BF568071, BF569927, BE741242, BE876190, BF568912, BG031660, BE907167, BF343904, BG110400, BG253252, BF570412, BF036442, BE905978, BF527576, BE735462, BF317158, AL530813, BE908609, AL046434, BE735670, AA482408, BG170662, BG259364, BE612777, BE737507, AA401893, AA479130, BE538613, AI823985, BF590722, BG260222, BE550007, AI473999, BF432342, BF590383, N25972, AA482554, BG179304, AA291446, AI912448, BE349567, AI811657, BE909505, BE205803, BE312468, AI859093, AI221555, AA632183, AI857796, AI553862, C03033, AI095247, AA069064, BE350830, AW780356, AA429472, AA397534, AI991164, AI263394, AA443482, AI635020, AA419228, AI288148, AA290725, AA614858, AI522526, AI187312, AW196999, BG055237, AI972962, AA722769, AI057622, R83864, H11113, R83863, BE019167, AI205076, AI087173, AV723791, AA780360, AW874620, BE262042, AA290726, BF993447, AI084314, AW192555, BF809612, R46673, AI290461, BE740805, AA435874, AI202510, AA496324, H52744, BF837618, AI299279, N36602, AI537998, AA064640, AA507080, AW303865, AA464054, AI357356, H52789, H89965, R37878, R55447, BG170292, AA496661, AV685113, AA953700, BE538683, AI870425, H11216, BE221580, AA479131, BE304579, AW970380, AW166559, N54655, AW196124, BF941300, AI309989, AW086046, N75127, AW797676, AW949122, AW896128, AW797684, AI279398, AW149889, AI474496, BE870626, AA351507, AI015541, AA503461, AW881717, R31926, BG122435, BF346499, AI384054, AI765209, BE312761, AA460274, H30444, N59000, N52041, AI475050, BE276737, BF808962, N34825, AI623375, AI401371, BF935597, BE261811, AI272144, BF931959, T79932, AI244231, AA069056, BE171521, AI991088, AA419213, N52356, C00786, AV722081, AI873140, AA807832, AA946928, AI865755, AX014144, AL117442, AL121772, and AL353812.
HFXXG51	1061	882935	1 - 1113	15 - 1127	AV702681, AV708440, AV704541, AW960830, AW952013, AV727490, AV706584, R704853, AW952497, AV709232, AV655669, AV727101, AV706893, AW967328, R29445, AA585101, AV701467, AW951811, AW959986, AW950186, AA585476, AW956292, AW959858, AV746387, AV763444, AV762343, AV709987, AV756755, AV728845, AV701803, AW958796, AV698330, AV690209, AV726887, AW952426, AV727618, AV725255, AW967329, AV725596, AW965148, AV759823, AV726590,

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HE9PQ22	1062	882969	1 - 596	15 - 610	<p>AV760831, AI866899, AW951720, AV762992, AA315095, AI936787, AA314872, AV761937, AI242309, BE857945, AI291913, AW119212, AI493480, AA887923, AW450015, AI015659, BF975929, BF726669, AA923699, AI274047, AI469898, D59808, BE791215, AA961195, R76121, D80319, BF476505, AA747862, D80270, D80355, D80365, AA632550, D80354, D80225, N75294, W04736, D80318, BE537034, BF589150, R76178, AI468824, AW883371, W05238, BF933450, BF360731, AI222560, AW964468, AW966330, AW975618, AW966389, AW949645, AV724520, C14331, D80164, AV699550, AW966053, AW966022, AV718489, AW966041, D59275, AW973541, C14389, AV699927, AW978634, AV720791, D80268, AW949654, AV702035, AW958993, AW978648, AV718692, AW966534, C14429, AW959799, AW949643, AW960465, D59859, AW966054, AW973307, AW949641, AA305578, AW966013, D80195, AW975621, AW966062, AV719783, AW964532, AA514188, D59467, AV719468, AV718800, AW962395, AV720464, D81030, AV718681, AW966050, AV719188, AW965158, D80227, AW949633, D59502, AW959597, AW959570,</p>

					<p> AV701004, AW965185, AW965197, AW965175, AW966029, AW973334, D80038, AW966075, AW966065, AW959062, AW964477, AW179020, AV719557, AW966531, AV718440, AV720028, AW973490, D81026, D51423, D58283, AW966059, AW978661, D80022, D80253, D80166, AW973474, AV720812, AW975613, D59619, D80210, AV720878, D51799, AW965163, D80391, AW960553, D80240, AW966399, AV699447, AW966030, AV719822, AV720203, AW964756, D80043, D59787, C15076, AW964488, AV719324, AV718938, AV718633, AW959628, AW960473, AW965177, AW975605, AW965196, AW973485, AV718707, AW965184, AW973488, AW960454, AV720211, AV718931, AV718844, AV718770, AV720731, AW973482, AW958992, AV722801, AV723927, AV699866, AW959136, AW956434, AW962082, AW949656, AW949642, D80269, AW959202, AW959582, D50979, D80024, D80212, D80193, D80196, D80188, D80045, D80219, AV738340, AW949646, AW949658, D59927, D57483, D80366, AW966043, AW964737, D51022, AV701123, D59610, AV720150, D80378, AW177440, D5989, AA305409, AW966400, AW973473, D50995, AW949657, AV720533, AW962245, AW973447, AW973445, AW959469, AW966032, AW973330, AW960532, AW956397, AW949629, AW949653, AW949632, AW949631, AW949618, AW949655, AW966385, AV720616, AW360811, AV742732, C14014, AV723097, AW9666333, AW966388, D80248, D80522, AW752082, AV720151, AV718908, AW753053, AW966023, D80251, AV721386, AV744690, AA514186, AV718530, AW966332, D80241, AW960414, AW966380, D51060, D80133, AX047063, A84916, A62298, AR018138, AX047064, A62300, A82595, Y17188, AX047062, AX033851, AR070327, AR016808, Y17187, AR087649, AR008278, AJ132110, AB028859, AX027925, AF058696, AJ302649, AX021518, X67155, D26022, Y12724, AX035434, A25909, AX028130, AX020191, A67220, D89785, A78862, D34614, AX020190, AR060385, X82626, A94995, AB002449, A30438, D88547, AR077702, I50126, I50132, AR008443, AR008277, AR008281, I50128, I50133, Z82022, AR066488, X68127, AR025207, AR016514, AR060138, A45456, A26615, AR052274, AJ294956, AR016691, AR016690, U46128, X64588, I14842, AR074139, A43192, A43190, AR038669, Y09669, AR066490, AR066487, AR054175, AR074136, I18367, AF260572, U79457, I79511, A63261, D50010, AR074545, AB012117, AR091537, AR062872, A70867, AX015396, AR093385, AR008408, AJ287395, A64136, A68321, A85396, AR074141, D88507, AR066482, A44171, AR088705, AX042372, A85477, D13509, I19525, A86792, AR060133, X93549, AF123263, AR060382, AR032065, AR008382, and N74330. </p>
HELEL31	1063	882980	1 - 1534	15 - 1548	<p> BF339213, BG254227, BF529294, BE255012, AW997403, BE302712, BF530121, BF882056, BE546320, BG033361, R17741, AW748480, BE546589, H12648, AA354352, BF987039, Z42704, Z42317, BG167384, AA326060, T30958, BG121307, AA364924, AW601313, AW361978, T31239, M79043, T30448, BE709091, BG117445, F08208, </p>

HTLQG83	1064	882989	1 - 976	15 - 990	BE717194, T30977, AI733721, BE814092, AI732397, BE780804, BF352049, R21779, BF569711, BF346247, BG015999, BE085541, AW880261, BF569784, H42968, AW880048, AA449923, BG032268, H56003, AA077285, T19389, AL133215, and AF276997.
					BF342863, BE892684, BE559716, BF205902, BE396822, BE887460, AV704099, BE261135, BE383346, BE890941, BF858987, BF348046, N78200, AL534700, R19749, BF213475, BE890742, BF757765, F11424, BE702524, AA297870, H93814, AW373949, AW629573, AA297097, BF973571, AA297894, BF207197, R22495, AA378520, AA489539, AA365579, AA211194, R34749, AA234650, AA298589, AW747813, AA262065, AA326119, BF346104, BF088368, H63601, AA182490, BE168058, AA287169, AL517245, BF954796, BG015890, H81156, AW964034, AA297318, BF342484, AA297075, AL534699, BE514241, BE709543, BE387719, BF821256, BE410082, AU125754, AI189424, BF034118, BF914644, AA322131, AL522845, AA234499, BF530503, R01880, BE730139, BF087593, AA228456, BF339898, BE174051, AV690581, H14466, C01139, AF099100, AL133589, and AK022719.
HETJU23	1065	883007	1 - 2213	15 - 2227	BF338909, AU125582, AV721101, AW960032, AU149216, AI479301, AA551070, AI765789, AI888129, BF689666, AW300579, AI561067, AI952933, AA699496, BF851750, AW631269, BF223599, AA977132, AW003323, AA227895, BF056547, BF056388, BF851745, AW628961, BF851053, AI499649, AA227595, AA557146, AA005279, BF999437, AI124737, W88953, BE139597, AI866470, BF690562, AW392978, BF849227, BF999431, AA524236, AA992176, AI817652, AI933331, AA005195, BF999425, AI381813, BE221278, F36543, AW087421, AW167326, F30327, BF850865, AA953702, AI242910, AA367411, AI363751, BF834497, BE048256, BE708177, AW379838, Z42044, AI351935, F01568, BG055860, AI691123, BF772332, AI783542, AI131405, W05190, AV702728, AX040389, AX040390, AK022692, AB033104, AL133630, AX040393, and AF200815.
HNGKB25	1066	883012	1 - 541	15 - 555	H53110, and AF213884.
HADAM6 7	1067	883039	1 - 771	15 - 785	AA487951, BF129128, AV723818, BF570933, AA235941, AV701066, BF917289, AA985393, BF830023, AV753264, AV721380, AA383094, AV724030, R05721, AA031936, BF934693, AV725961, W78702, W01336, BE838100, BF370954, AA322021, BE718020, BF927369, AA034077, R13275, AW517885, H91811, W56236, AB018339, AF043290, AI078582, AF281869, and AF281870.
HDQPI82	1068	883055	1 - 997	15 - 1011	AL537185, AL525354, AU132795, BF308677, BF795730, BE875008, BE273858, BF343304, BG034828, BE895273, BE907136, BE898028, BG033780, BF569346, BF207179, BF968741, BF130044, BE393228, BF247758, AL525312, BE786444, BE748432, BE909504, BF033227, BE391437, BE386334, BE834350, BF030142, AW967752, AA130946, BG008756, AI751840, BF247381, BG108027, BE868645,

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HHEFX31	1069	883056	1 - 1316	15 - 1330	AL525312, AL525354, AU132795, BF570141, BE867619, AL537185, BF439631, BF685918, BG033780, BE909504, AA477728, BF980892, AI991269, BF684200, AA477729, AA411435, BF569346, BE748951, AI924960, AW968579, BE614788, AU154254, BF247758, BF795730, BG008756, AA126236, AW070362, H93026, N57496, N45109, BF308677, AI637534, BE834350, BE786444, AI954035, AI275222, AI678972, AI613479, AI978735, AI167930, AI811760, AI554778, AW072085, N67811, BE314914, AI538851, AI954043, BE895273, BF343304, AI948439, AI017979, AW967752, N91442, AI143731, AI346996, BE273858, AI262204, BG108027, AW471165, H63620, AI076498, AI457421, BE875008, BE898028, AI281836, R95697, AI570259, AI201683, H66998, BE907136, AA777989, AA778581, AI751841, H87670, H66997, BG034828, N40986, AI587409, C18974, AI219058, AA719048, N49294, AI358136, H65821, R95696, H65907, AW768474, R52060, H90696, BE874069, BF207179, AW193130, R48595, AA661525, BF968741, AI928588, H44607, BE386334, AA031612, AW337339, AW516411, AI564955, AW083600, H69980, AI751840, N44995, R51238, H96238, H63572, AW404737, H69525, H87168, BE833076, AI699827, R97751, H89849, BE391437, N47641, BG255865, BE393228, H70482, AI440439, R48697, AA130831, W81592, H52217, R52061, N53837, H56556, W81597, AA465706, BE162511, R81668, AI625152, BF752903, BF437083, W03395, R88507, H94311, BE868645, R81473, AA535341, R73248, BE833217, BG177442, BF130044, C18458, BG255825, BE748432, BF033227, R97750, AA635780, AW438789, AA130946, AW381075, N69411, AW602285, AA126401, AW800137, BF247381, BE093107, AW402179, AA297939, AA482657, H56555, BF090887, BF030142, AW103423, BF884172, AA031470, BF842658, R51237, BF689378, AW875455, AW997741, BF880636, AW883906, BF125484, BE925339, AW884067, AV661825, AK001653, AF151846, AL139289, AF170907, and AF104033.
HHESEF39	1070	883067	1 - 710	15 - 724	BE408172, BE733229, BF800474, BF373063, AF284422, AK024421, AC011895, AK024420, AK024494, and AK024466.
HTLHB93	1071	883085	1 - 362	15 - 376	AI828062, AI028564, AW173227, AW102657, and AL035460.

HDTJA78	1072	883094	1 - 541	15 - 555	AV718339, BF344891, AW965403, BF697298, AA022743, W07846, H46081, H46779, AA334026, N77316, AI751420, AA384525, N46299, AW378996, N35279, BE710198, N36985, AI075698, BE855987, AI741294, AI264212, AI743748, AI810383, AI885307, BG054698, BE909545, AI796828, AA503222, AA528192, AW301086, AV744392, AW152463, AI127346, AF009750, BF431950, AI357562, BF195376, BF432674, AA970897, BE841870, AI361478, and AF151078.
HNGPL75	1073	883101	1 - 505	15 - 519	BF516196, AA768044, BF935312, and AC005332.
HNTDV93	1074	883131	1 - 1044	15 - 1058	AU124766, BG028653, AU136930, BE207628, BF791639, BE262742, AA085574, AA147472, AA490803, AW503392, BE541561, AI239866, AK001269, AL354612, AL354613, and AL049745.
HNSMB73	1075	883132	1 - 1491	15 - 1505	AV688331, BE249948, AW578849, AW613096, BE715066, AI693999, BE293664, AW001377, BF000269, BE715013, BF001637, AI282982, AI660280, AI052130, AW375538, BE217952, AW188465, AW377529, AI393989, AW271401, AW449683, AI393757, BE304583, AW341061, AW445089, AI925941, AW242836, AW295567, AW302806, BE467118, AW388101, AI135001, AI222949, BF805523, BE547149, AV697181, AW389155, AV692608, AW961449, AI469663, AI886483, AA627508, AW389158, AA135080, BE539520, BF768125, BF437745, AI380498, AW009792, AI474587, AA313367, AA860541, AW176537, AA343712, BF759855, AI537415, BE712167, H87671, AW135036, AW388103, AW971032, BE305221, AA470716, DI2068, BF760494, DI2330, AW377098, and AA503691.
HTLGL03	1076	883142	1 - 937	15 - 951	BF032559, BE747016, BG167981, BF063322, AA478705, BE002981, BF205212, AW808044, AW808140, AW808061, AW808181, AW807990, AW808114, AW808017, AW808050, AW808034, AW808224, AW808005, AW808014, AW808104, AW808134, AW807995, AW807998, AW808016, AW808111, AW808119, AW808175, AW808136, AW807996, AW808002, AW808011, AW808026, AW808110, AW808127, AW808135, AW808137, AW808177, AW808185, AW808145, AW808101, AW808083, AW808214, AW808159, AW808180, AW808188, AW808176, AW807991, AW807993, AW808007, AW808008, AW808010, AW808138, AW808192, AW808195, AW808201, AW808202, AW808056, AW808196, AW807975, AW808215, AW808239, AW807992, AW808055, AW808153, AW808208, AW808080, AW808100, AW808120, AW808074, AW808102, AW808141, AW808000, AW808070, AW808106, AW808165, AW808064, AW808066, AW808041, AW807972, AW808036, AW808062, AW808087, AW808228, AW808190, AW808260, AW808025, AW808173, AW807994, AW808029, AW808131, AW808142, AW808187, AW808035, AW808049, AW808069, AW808107, AW808109, AW808182, AW808057, AW808059, AW808028, AW808058, AW808072, AW808113, AW808112, AW807974, AW808171, AW808030, AW808184, AW808263, AW808121, AW808170, AW808093, AW808210, AW807970, AW808169, AW808019, AW808031, AW808068,

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HGBCN41	1077	883149	1 - 1200	15 - 1214	AI968291, AW015537, AW015528, AI004170, AI651507, AI656733, BG255504, AI186229, AI089468, AA618298, AW014507, AA278858, N93263, AA278426, C18509, AA297634, AW964214, AA298350, D78781, and AA297960.
HWMBU8 9	1078	883172	1 - 638	15 - 652	AW956958, AA368362, BF037395, T52098, R69032, R27072, AA397783, BE018738, AA393589, BE562464, T95399, AA912955, AW137196, AA155762, AA188555, and BF036500.
HSEBA38	1079	883175	1 - 1259	15 - 1273	BG120823, BE869307, BG033765, BE387292, BE251660, AV655974, BF037530, BF306195, BG254407, AA485950, BE905968, BE065146, AW984415, AW984417, AW984416, BE676498, BF979227, BF309616, AW984420, BF691174, BE693917, BF306475, AW984423, BF310813, AW984418, AW984438, BG252706, AA315010, BE314347, AW984422, T66123, BE869619, BF573743, BE538385, BF306361, BE905732, R61430, AW984421, W37275, BE902628, AW984413, AA451629, BF305130, H37844, AW984346, BG122978, AA309734, BE792425, BF375767, BE882111, BE298404, AI751646, AW984344, AW364601, AW984345, H75310, R81022, AA354776, R95799, AI903841, R66175, T71499, N58667, BE737387, W25203, AW090258, H19408, H66405, R87079, BF792931, BF819503, W96032, H91979, BF946450, N48499, BF030495,

HEEX26	1080	883176	1 - 2011	15 - 2025	<p>BF446001, W22865, BF205853, AA359586, BE562462, BF979483, BF846376, BF798979, BF799616, R89450, F12004, AW580561, N59072, AA191371, AA151284, AA378899, AA341831, BE789306, AA630583, H10629, AI940407, BE298856, BF928260, R87151, BE246664, AA694344, AI807163, AA176310, AV645343, H94180, AV749302, BE931839, AA341830, BF204949, AW984427, N77311, F12695, AV749343, BF846338, AV650977, BF797657, BF092277, AA215919, BF727126, R25432, BE856236, N73198, AA334042, AA382962, W65488, R94311, AA113397, N25147, H58855, AA385486, AA345015, AA125941, AW978168, BF798893, AW887094, AA382000, AW984424, AA176601, H81223, AA176598, BF683736, BE561076, AW978171, T98376, BE327786, BE390359, BE560928, AA481273, AA353284, BE560701, BF980321, AA026675, AA176223, AI272377, BE246638, W88744, AV738327, BF307029, AA063465, AA358199, N22768, AA176958, BG121241, BE730782, BF092254, W24832, BF376534, H95262, N31021, AV690488, H81217, AI301138, AV753202, BG057361, BF951600, BF312317, T58397, BE397034, AI830086, BE560121, BE560047, BG120049, BE560444, BE796114, BE734189, BF305460, AA034495, BE348975, AI264229, BE675980, BF435055, BG115366, BF306220, BE616370, BE312978, T74712, AI081615, BE267578, W88759, R29372, BF203303, AA374915, BE732765, AA026636, AA429836, AW468505, BF309461, AA569698, BE270241, AF233225, AL050254, AF129537, A85213, Z71183, AL021937, and AL035068.</p> <p>BF683736, BE730782, BF792931, BF446001, BF205853, BE734189, BE796114, BG252706, BE560701, BE560444, BE562462, BE560928, BF309461, BE397034, BE560121, BF204949, BF312317, BE856236, BF797657, BE298856, BE792425, BE616370, BE616612, BF306220, BF305460, BE560047, AW978168, BG122978, AW978171, BE882111, BF203303, BE270241, BE267578, BE869619, BE312978, BF446006, N22768, AA176598, BF125825, AV690488, AV753202, BF307029, BF435055, H95262, BE737387, BE732765, BE902628, AA176958, BE676498, AI751645, AI301138, AI830086, BG120049, AW337133, BF306195, AA176601, BE390359, BG057361, BF030495, BF307951, BE348975, BE675980, BF309616, AA176961, AI264229, AW189210, BF727126, BF979483, AA779980, BF310813, BF306475, AI142549, BF941393, BE297623, BE931839, BF305130, BF306361, BF308011, BF037530, BE044637, AI524711, BG115366, AW027544, AA827128, BE869307, AI151013, AA034495, AV650977, AA604131, AW150320, AI127612, AI469431, AA709104, AW973257, AI861987, AI093350, AW090258, AI985865, T66123, AI129520, AI129524, AA779590, AA151284, AA063465, AW513431, AI312744, H99312, BE387292, H72514, BF819503, AA828465, AA026636, AA781668, N25147, AI089601, AA191371, BG235957, BF691174, AA115146, BE298404, AV749302, W94571, BE901613, AA127064, BG254407, AW075416, AA429862, BE251660, AV655974,</p>
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HSXCV48	1081	883211	1 - 1573	15 - 1587	<p>BE563252, AV722117, AL532638, AV708191, AV726356, BG149235, AI801867, BE672806, AI870611, AA995943, AI683914, AI991347, AW471404, AI683813, AI928415, AA909585, BE742339, AW468787, AA918424, BF955426, AV726940, AI359905, AV729199, AW469186, BE514802, AI358220, AV726836, H30310, BE857931, BF114802, AI028514, R16135, R16134, AV708918, BF927098, AI991652, BF881878, AI050920, AI688299, AW516060, AA302987, AA918497, BF448837, R16034, D25700, Z38289, AV720464, AV718844, Z42004, BE702436, BE702431, AV718681, AV743601, AV722801, AV699447, AV745080, AV742667, R16035, BF092671, AV742720, AV700229, AV742001, AV737584, AV724520, AV719000, AV701118, AV701012, AV720731, BE735910, AV701017, AV723927, AV743654, AV745724, AV701248, AA302929, AV701043, AA298803, D80253, AV744934, AV701166, AV745723, AV741012, AV740535, AV718692, AV701431, AV701261, D80219, AV718858, AV701163, AV745831, D80043, AV744771, AV743008, D59275, AW973447, AV718489, D51250, AV701332, AV738934, AV746385, D80227, AV720607, AV744773,</p>

AV745488, AL044530, BF951105, AV745392, D51423, AV701149, D80134, AV700889, AL039156, AL039150, AL038821, AL043445, AV746102, AV758878, T24119, AL043441, AV701121, AV719783, D80240, T24112, AW064110, AV745366, AL039509, D59619, AL039564, AL039538, AV744768, AV721784, AL039108, H00069, AL039678, D59787, AL039566, AL039074, AL038837, AL039625, AL039648, AL039659, AV701154, AL039629, AV746162, AL045794, F01529, AL037726, AL038531, AL039109, AL040992, AL039924, BF294063, AL043423, AL039128, AL044407, D80210, AL036973, AL045341, AL042909, AV735727, AL045337, AL037051, AL045353, AL039386, AV717989, AV717980, AV701782, AV718016, AL036725, AV717963, AV717983, AL039423, AV717962, AV718018, AV717984, AV718002, AV717988, AV731085, T23947, AL039410, AV717966, AV718023, AV717959, AL038025, AW063533, AV746335, BE439760, AL039085, AV717960, AV701428, AV745369, AW013814, AV745917, AV701443, AJ293456, AV701125, D80193, AV701335, AV745490, BF508972, AW451070, AV717990, AV741888, AV717956, D80366, AV717958, AW969322, AV717965, AV718006, AW975312, AV717972, AV717985, AW976625, AV745350, AW452756, AI933961, AL043422, AV717978, AV701227, AV717955, AI535783, AV717970, AV717941, AV718012, AV717948, AI535983, AV717964, AW969383, AV717993, AV718010, R47228, AI869365, AV699927, D80196, AL037526, D80391, AV718001, D59927, AL036418, T02921, AL037639, AL036196, AV720812, AV720203, AF137386, AL020989, X68127, A85396, A67220, A85477, AX020190, AR025207, AX021518, A25909, AR088705, AX042372, A86792, AX027925, AB012117, A44171, I18371, AB037923, AR062871, AR017907, AX026824, AR079804, AR037157, A84772, AR093385, A84776, A84773, A84775, AR062872, A84774, AR062873, AX006821, AR067731, AR067732, AX001082, A58522, A91750, AX035462, A20702, A43189, A43188, A20700, AX026823, AX006825, AX006826, AX006822, D34614, AR071572, AF261964, AR095490, AC069451, AX006818, AR095491, A97211, Z96142, AR072501, AR072503, AR072502, AR008430, AR036905, A15078, X73004, AJ244003, AJ244004, AJ244005, A95051, AX046223, AX003194, I03665, AX006820, AX011024, AX035632, AX035630, AR095492, AX035631, AX035629, AX006819, I03664, I19516, A95117, AR073846, A02712, AR080470, AR077142, A18053, I06859, A95052, AX001322, A98767, A23334, A75888, I70384, AX006816, A60111, AX023554, A23633, A18050, AR083151, AX006817, A23998, AR007512, A93963, A93964, I63120, A38214, AX033488, AR043602, AX033489, AR043603, AR043601, AX033490, AX023555, AX026821, I56772, I95540, AX023556, AR018924, AX033474, AX033486, AX009712, AX033487, A63067, A51047, A63064, AR031374, AR018923, A48774, AX023549, A63072, A49700, AR031375, A48775, AX001325, AX023552, AR068507, AX001326, AR068506, AX023547,					
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HTLAG19	1082	883219	1 - 1379	15 - 1393	BE904640, AI743990, AI589677, AW609231, AW117688, AA418209, AW973180, BE646315, AA293017, AA393552, BE502577, BF115165, AI671530, AA969969, H05646, AA868456, AA836313, AW263156, R34733, AW206863, R72891, H06920, AI638884, Z38689, AA280165, AA552211, H05647, AI424304, AI399693, BE673188, AI685889, R49606, Z42496, AA566051, AW237268, AA400796, AI468780, AA621751, D60125, AW237328, AA651719, AA280537, AI621125, AA628052, AI365113, AI590631, R73367, and AW370133.
HISBV17	1083	883238	1 - 581	15 - 595	AW374334, T08905, BF734843, AW962692, BE273962, BF734846, BE151901, BE151963, BE151966, BE151974, AI064813, BE151904, BE151912, BE151897, R94666, T09212, BE151907, AW748710, BE151868, BE151849, BE151890, BE151872, BE151889, BE151869, BE151885, BE151969, BE151854, AW748719, BE151871, BE151843, BE151873, BE151864, BE151866, BE151839, BF350425, BE151846, BE151874, BE151886, BE151905, BE151861, BE151850, BE151887, BE151870, BE151882, BE151862, BE151844, BE151841, BE151865, BE151968, BE151845, AW748711, BE151847, BE151987, BE151842, BE151883, T31706, BE151848, BE151911, BE151880, BE151851, BE151853, AW748716, BF350436, BF350431, BE151840, BE151913, BF350432, BE151979, BF350438, BE151884, BE151914, AW748723, BF350429, BE151964, BE151888, BE151902, BF335903, BE151896, BF350422, BE151977, BE151910, BF350423, BE151976, BF350424, BE151975, BE151908, BF350418, BE151852, AA714176, BE151900, BE151970, BF350430, BE151973, BE151978, BE151899, T83796, T31698, BE151881, BE620271, and AF196972.
HFKLN07	1084	883248	1 - 1396	15 - 1410	BG171755, BE312857, BE906224, BF974538, BE544756, BE252018, AU133693,

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HTLID36	1085	883250	1 - 524	15 - 538		BF510785, AX027892, and AC003662.
HSLHV27	1086	883287	1 - 1000	15 - 1014		AW975618, T03269, AW966053, AW949656, AV742001, AV742667, AV701125, AV701335, AV701166, AV701043, AV701332, AV701017, AV701248, AV742048, AV701431, AV719468, AW949642, D80212, AW966531, AW978634, AW966534, D58283, AW966013, AW949655, AW966041, D80166, D80195, AW975621, AW959202, D80193, D59927, D51423, D59619, AW978661, D80210, D51799, AW949654, D80391, AW960553, D80240, D80253, AV719822, AW966054, AV718489, AV720203, AV701130, AV718692, AW966050, AV742430, AV719188, AW973307, D80043, D80227, AV701154, AW966062, AV719324, AV718440, AV719783, AV720028, AW959597, AW959628, AW965177, AW959570, AV718800, AW973470, AV720211, AV718844, AV720464, AV719557, AV718770, AV720731, AW959582, AV699447, AV722801, AV723927, AV724520, AV699550, AW949641, AV699927, D59859, AW966560, AW949631, AW949643, AW949618, D80196, D80188, D80219, AV744770, D80269, D80038, C14429, D59889, AW752082, AW949645, AV701443, D81030, AV701419, AV701149, AV718707, AW964737, AV720791, AW965158, AW949629, AW949653, AW949646, AW949633, AW949632, AW949658, AW949657, AW964488, D80366, AV720812, AV721386, D59502, AV718633, AW960465, AW975605, AV700889, D57483, AW966043, AV721784, D80022, AV723097, AV701428, D59275, AV720654, AV701415, AV701344, AW973447, AV701422, AW753053, D80045, AV701357, D59610, AW973485, AV718931, D80024, AW959799, AV699746, AW178893, D80378, AV743601, D50979, AV699682, D50995, AW177440, AV745080, AW966022, C14389, AW179328, AW978648, D80241, AW973541, D59787, AV741012, AV742720, C14014, AW964766, C75259, AV744690, AW959469, D80164, AV701224, AW964756, AV718938, AV742671, AV701021, D51060, AW973334, AI905856, AV700229, AV723247, AW956397, AW965176, AV699669, AV744773, AV744934, AV645383, AV645393, AV681528, AV681474, AV645339, AV681472, AV681507, AV681465, AV681525, AV681495, AV681505, AV681504, AV681486, AV681464, AV681487, AV681506, AV681523, AW965163, AW973482, AW958992, AW966029, AW958993, AW959136, AW959062, AW964477, AW956434, AW966065, C14331, AV719049, AV701004, AW973474, D80134, D59467, AV719913, AW965197, AV719628, AV645389, AV681531, AV681529, AV681510, AV681491, AV645344, AV681488, AW965185, AW965184, AW973488, AW965175, AW966075, AW378532,

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HSLIG70	1087	883295	1 - 807	15 - 821	

					AV742996, AW966531, AW959628, AV743008, AV745255, AW949657, AW959582, AW975621, AV719188, AV719557, AW973307, AV718681, AW949631, AV718674, AW752082, AW949646, D80166, AV720028, D59859, AV746320, AW960553, AW966054, AV718440, AW966534, AV742048, D80269, AV745411, C14429, AV720654, AW964737, AW965177, D59502, AW949618, AV699321, AV745496, AV742430, AV701231, AW966013, D58253, AW966041, AW959202, AV681500, D80024, AV645401, AV645332, AV645383, AV645379, AV645385, AV645389, AV645369, AV645380, AV645390, AV645400, AV645392, AV645393, AV645353, AV681458, AV681531, AV681492, AV681529, AV645334, AV681510, AV681528, AV681474, AV645339, AV681491, AV681472, AV645344, AV645317, AX027925, AX020190, A67220, AR025207, A25909, D34614, AX021518, AX047062, AB012117, A85396, Y17188, AR074141, AR066482, A85477, AR088705, A86792, AX042372, I19525, X68127, AX020191, D26022, AX033851, AB037923, A62300, A62298, X67155, A44171, AX047063, AR092424, A78862, D89785, AR070327, A84916, I18371, AJ302649, A80951, AJ132110, AX047064, AJ294956, D88547, X93549, AX035434, AF260572, X82626, AR017907, AX015396, AF135125, X92518, AJ287395, AR018138, AR074545, AX028130, S69292, AR064240, AF058696, X98248, X60736, Y12724, AR008278, AR051191, AB028859, S78798, X89963, AR087649, A94995, I15997, AX035429, AX035428, AX035426, D88507, A43601, AR008443, I50126, I50132, I50128, I50133, I18367, AR066488, A82595, AB033111, Z32749, AR016514, D50010, AR060138, A45456, A26615, AR052274, AR066490, Y09669, AR060385, AB002449, AR066487, AR074136, AR074139, A30438, A43192, A43190, AR038669, D13509, X55486, Y17187, AR087528, U87247, AR008408, AR060133, AR008382, and X93535.
H5FAK30	1088	883301	1 - 1039	15 - 1053	BF038709, AL535064, BE735985, AL524497, BE791458, BE736087, BE562250, BE783282, AL526323, BG109153, BF796333, BE562249, BG008920, BE886594, AA603194, BE297680, AW162550, AW821216, BE884388, BE905469, BF738937, BE735782, AW875604, BF526909, BE241615, BF923489, AW371799, BF914307, BF912921, AA077320, BF816477, AL520849, BF737438, AA077375, R73777, AW964991, BF032261, H84735, AA333205, AL363439, AW160945, BG178107, AI076687, BF593670, W78920, AA677240, R07794, BE166170, BE858391, BF758159, BE166159, AI146527, AW402635, AW371811, AA078038, AL520850, R28399, R73930, BF924275, AA703130, R05969, AA335359, AA335698, R11257, BG177266, AA090927, AW901978, BF977977, H52765, AA077337, and AJ277740.
HTTBM62	1089	883307	1 - 1515	15 - 1529	AU125328, AL527538, BG035590, BF981939, BE730643, BE777871, AW402127, AL049049, Z99416, BE621625, BE539325, AW501555, AA160575, BF751234, BE621043, BF875867, BF851714, BF850372, AW965571, BF155429, H14122, BE302965, AL557032, BF032391, BG166905, AA100571, T08526, BE622467, BE897998, BF331625,

					W24673, BF810650, BF810638, AA312298, AA364076, R84541, AL527537, X93826, AW859974, BF334501, AW579095, BF879891, BF963697, AA843439, AK022661, AF293335, and AL137523.
HFCDT23	1090	883327	1 - 380	15 - 394	BF683905, BE898653, BE261926, AL529590, BF971956, BG116771, BE263739, BE737365, BE267185, H18050, BF846466, BF846468, BF846535, BE785716, R55572, and BF314854.
HDPGU86	1091	883328	1 - 775	15 - 789	BF683905, AL529590, BF971956, BE898653, BE261926, BG116771, BE737365, BE263739, BF846468, BF846466, BE267185, BE785716, H18050, R55572, BF846535, BF314854, BF315199, BF314965, AI904024, AW270504, BF981018, BE796373, BE734552, BF317165, BE298415, BF185247, BE314590, BE313446, BE314719, and BF311361.
H2CBE07	1092	883335	1 - 2337	15 - 2351	BG035669, BE906066, AW192879, BE502489, BG167933, AI636759, AW958803, AW958798, AW304786, AW966067, AV726634, AW499902, AI818087, BE551739, AI962811, AW002879, BE907852, BF197557, AW966216, AI139820, AI703385, BG231549, AI765960, AV723104, AI420752, AA287817, AV724367, AI660053, BF132412, AW995337, AW134652, AW051811, AA830471, AI917176, AI761208, AI797936, BE466159, AI923951, BF183857, BE220074, AA938723, AW408136, AW837534, AA031728, BE898378, AI307761, BE219452, AI885507, AI088217, AV723103, AA972358, AW337437, AA599138, BE042863, AI307334, AV723166, BF247256, AA478708, AI347549, AW136648, AI310382, AW407219, AW517973, AA721966, AI377084, R54281, AA973851, AA478573, W45294, AW407970, AI033131, AA810858, AA031619, AA307073, AW002244, AA076314, AV649960, AA534598, AI694925, AA761785, AA827338, H88051, W65479, AI828859, C75311, AA913468, BF904403, AA323865, AW837600, AA772486, AI655884, AA009923, BGI50148, BF856438, AA453971, W53019, AA111854, AA076486, BE968507, AA887506, AI619514, AA708726, AA732750, W65430, R51893, AA046962, BF434548, TI0188, H65908, H73031, AI915339, AA383766, AI243262, W40166, H88262, AA365997, AA046897, AA847922, AW837536, T60023, BE161276, BE774532, BE161271, AI032598, BE161274, AA644330, H30061, H30071, AA337185, AA234173, H65822, R00439, AW510703, BE170717, AA740776, BG032221, BE764245, H77921, AA847923, AI910068, and AB000280.
HFTHS04	1093	883358	1 - 1408	15 - 1422	AL533833, BF967713, BE907577, AU126910, BE738662, BE731437, AW970004, BE962738, BF967077, BE788909, BF343694, BF207957, AI148761, BE737688, BE272694, BE866037, BF439497, BF208159, BE612999, AA865609, AW769492, BE564507, AI276480, BF676791, AI361348, H17761, AI302886, AA812569, R52799, BF965044, BF208977, AW014881, N94214, BF725860, BF889390, AV657236, AA873078, N91665, AW188283, AW952313, AA588382, AI393671, AI472062,

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HTXLP33	1094	883359	1 - 1120	15 - 1134	BE263910, AW136741, AA732449, AW952461, BE905268, BF001705, AW005266, BG035177, AI418924, AW665083, AI823637, AI934452, AW753304, AI434286, BF798182, AA328784, BF748001, AV701882, BE747174, H49680, H49590, AA971066, Z41923, Z38218, AA626584, BF891761, BF871857, BE246116, and AK025823.
HMEKG76	1095	883364	1 - 1701	15 - 1715	BG025941, BG119256, BG029634, BG178386, BG255413, BG253982, AW340726, AV701987, W63619, BF476053, AI634542, AW300114, BF440047, AI672402, AI991208, AW664983, AW300127, BF062023, AI632484, BE326467, BE221787, BE501517, AI672557, AI498167, AW274451, BF950756, BF106232, H18069, AW006266, AI392880, AW182579, AW665773, AW573189, AI659606, AW664939, AI862877, AA669693, AI971599, AA029847, H17376, AA446051, AW197453, AI339270, AW469508, AI989522, N62971, AA455715, AI090733, BE168366, AI364520, AA432293, AW362319, N66064, H72683, AW205556, AW190461, BG255535, AA719182, AL523442, AI168162, BF961464, AA278458, AA952896, H72682, AA029982, BF961416, AA024419, AI122611, AA459224, F07569, F07568, F07042, AI631939, H10769, AA383416, BF961418, AV683384, BE044173, R35808, R13304, AV727526, AV727003, AA715091, BE174455, AA365202, AA365102, H10770, BF842071, AW593191, N33816, AW887602, BE171075, AW579496, AW378486, AI368524, AA089894, AI935327, AW057906, AA780265, W61128, AA091950, AV714959, N95657, BF766303, N79875, N56479, BF957703, BG249755, BE140681, BF886485, BF196618, AI243525, BF733772, AI921096, AA383283, BE812538, BE222612, AI001837, AI870510, AA471159, AW968418, AV713510, AW887634, AI912594, AI681695, AL121749, AK024813, and AL117336.
HTENG02	1096	883375	1 - 967	15 - 981	BG032568, BG258693, AW361921, AW452028, AW003102, AW074299, AA132510, BE886540, BE251624, AA132822, AI672110, AI913647, BE184180, BE890999, T08399, AA927474, AI738889, and BE546689.
HTOAW80	1097	883376	1 - 1460	15 - 1474	AI821606, AI826629, AI304327, AI660560, AI791844, AI984141, AA573825, AI991272,

						AA593860, AI983793, AI274929, AI346155, AI660493, AI281211, AW050605, AI821178, AA618335, AI732165, AW009962, AA469031, AI262416, AI924216, AI695625, BF917041, AI921289, AX035346, AX035348, Z57552, and Z59954.
HAIJAW57	1098	883401	1 - 1023	15 - 1037		BF528058, BE273923, BE439742, BE408159, BF307520, AI813432, AI292245, AI814563, AA019878, BF196961, AI831724, AI582764, BE268324, AW770967, BE270519, AI186850, AW410293, AI283062, AI219926, AA058975, AA973092, AA012909, AA505456, AA400955, AA460462, AI351691, AI149149, AI521938, BE886618, AI582775, BG120766, AI200494, AI280986, AI264484, BE410391, BE967314, AA601074, BE385012, AW009398, W92428, R88287, BF930634, AA825970, AW965062, AA019885, BG150336, BE536000, AI424437, AA343573, AA363038, AW672945, AA401034, AA375507, AA058391, R98528, AI990124, AA811179, AW994042, AA360468, AW994258, AA504263, R16603, AI005450, AA337539, BE175409, T85469, BF801743, AA312024, R08542, BF768328, BE251984, AA334893, AA702742, BF803105, AW006005, AA670319, AA386071, AW366954, BE935221, BE817925, BE818000, BE829709, BE818073, BE829698, AI497990, AA701876, BE818093, AI356246, AI915140, BE818034, BE818001, BG232121, AA287876, AA883159, AA825603, AA278771, AW978957, BF349466, AA324897, AI185067, BE817924, BF692937, BE818079, AW956436, BE001853, BE931047, AA164277, AA308982, BE828336, BF958125, R16545, AI367795, T85371, AA588089, AW006825, BE698240, AA864538, BE082704, BE095169, AA463402, BF921578, AI133147, AW966558, BG112207, AW389192, AA001880, AA502407, AI339506, AW389196, BE568553, BE933379, BE698404, AF116666, AC005876, and AI161936.
HTEHF89	1099	883419	1 - 761	15 - 775		AU118684, AV728273, AV717005, BF575231, BE748156, AV718330, BF033632, BF979733, BG104800, AV734854, BF691687, AL038768, BF983256, HI7763, BE738971, BE568917, BF246715, AL035739, AA084554, BF970684, R52491, BE785069, BF904068, AV717056, BE877473, AV726438, HI16532, AI903894, AI750581, R21494, BF351545, AV738720, BF790498, Z41981, BF035136, Z46107, BF241139, R13337, BE087028, AA322574, AU151320, AA448043, AA813354, N45076, T26420, AA461375, AI903843, BE708531, AI792383, AF212245, AF161445, AF151047, and AK021683.
HSYBB84	1100	883420	1 - 1106	15 - 1120		AU118684, BF970684, BE877473, AV728273, BF983256, BE748156, AV718330, BF575231, BG104800, AV717005, BF033632, BF691687, AV734854, BF979733, BF035136, BF790498, AL038768, AU151320, BE568917, HI7763, AA813354, BF246715, AL035739, BE738971, AA084554, BF904068, HI16532, BE785069, R52491, AV726438, N45076, Z43102, AI903894, AI750581, BF351545, AV717056, AV738720, N27471, R21494, Z41981, AA490571, BE708531, R13337, R34412, BE087028, Z46107, BF241139, BF980024, BF949574, AA448043, AA322574, BE172329, BF734574, BE748570, BE765651, BE765971, BE766126, BE765613, BE765878, BE766444,

					BE766511, BE765418, BE765879, BE769154, T78200, T26420, BE828025, BF734672, AA461375, AI903843, AA625491, BE620517, AL035740, W20261, AV702789, AW963862, AV704785, AV705246, AA092518, AW957677, AV692197, AV707067, AV705437, AV703591, AV725031, AW963768, AV709273, AV703515, AW964410, AV726787, AW959601, AV707088, AV684362, AV704607, AV707304, AW949478, AV727510, AW956792, AW950443, AV703878, AW960601, AV705684, AV727381, AW952403, AV709580, AW952183, AV726026, AW952751, AW956075, AV645936, AV709587, AW955723, AV658084, AV692600, AW962978, AV650315, AV697880, AV659389, AV727613, AV656373, AV726010, AV660258, AV708109, AV647789, AW959521, AW956474, AV727787, AV659294, AW960655, AV703146, AV725745, AV686060, AV728148, AV660608, AW951239, AV726590, AV656478, AW951187, AV703790, AV709314, AV653353, AV654070, AV709935, AV691080, AW951281, AV702385, AV658275, AW949802, AV652001, AV695700, AV728715, AW955662, AV703669, AV707979, AV725208, AV727003, AV706975, AV725582, AV708786, AW957517, AV659547, AV727526, AV725618, AV651920, AW954439, AV725633, AV702266, AW953797, AV725577, AV725033, AV706223, AV728924, AV725617, AW954206, AV707863, AV725991, AV696931, AW952410, AV703062, AV727822, AV699089, AV705135, AV701874, AW954697, AV703501, AW962444, AW964585, AV702772, AW954237, AV706417, AV707401, AV701183, AV709660, AV704585, AV654035, AV707652, AV707663, AV707654, AV728721, AV683994, AV704042, AV654282, AV697288, AV709880, AV729220, AW954134, AV687035, AV698290, AV706882, AV704847, AV694836, AV697498, AV727314, AV702954, AV694812, AV686420, AV727238, AV682997, AV696866, AV727126, AV707656, AV655890, AV728997, AV701946, AV706162, AV686390, AV705635, AV702794, AV656256, AV686417, AV686083, AV698429, AV656240, AV655577, AV704217, AV692972, AV694871, AV727459, AW954248, AV655901, AV689410, AV695545, AV687946, AV702790, AV728546, AV703762, AV702854, AV706734, AF212245, AK021683, AF161445, AF151047, AL121694, AX047063, A62298, AR050070, A62300, AX009343, AX009341, AX009337, AX009335, AX009345, AX009342, AX009344, AX009340, AX009339, AX009336, AX009338, AX009334, AX047062, AX047064, A82595, A82593, U94592, Z30183, U45328, AX040581, AF006072, AF320628, AB002453, AR025466, and AX046743.
HTJMD30	1101	883430	1 - 745	15 - 759	BF793125, BG249406, BE395704, BF794230, AW964084, BE896822, AV713741, BG166649, AV661198, AV714350, BF967229, BF382749, BF245290, BF675022, BF213417, BF668388, AW364013, AA171435, BF965857, BF246319, AA305800, AA356684, AA375715, AI418308, AA654812, AW401534, AA373289, BF035681, and R57135.

HELFG05	1102	883434	1 - 3660	15 - 3674	<p>AL527597, AL529809, AL514080, AL527596, AL530567, AL526637, AL529295, BE782057, AU136598, AI114859, BF511315, BG122646, BE899304, BF060737, AW963787, AI655903, BF433373, AI861932, BF433046, AW959237, AI861943, AI638304, AI830718, BE407719, BF508933, BG002362, AI640304, AW880750, AI694708, BF447073, AA701903, AA442774, AI884667, AI862404, AI694324, AI419019, AI381931, AI990933, AI990711, BF062018, AI889002, AW450416, AA496239, BF000126, AW572529, BF588721, AA780173, AI148378, AW104502, BE670537, AI200382, BE048538, BF110069, AI248156, AI366216, AI086796, AA442132, AW452176, AI337098, AA434531, AI651012, AW451933, AW663382, AI910996, AA429763, BF001754, AW172442, AI798632, BF114632, AW450457, AI686495, AI565622, AW771410, AI346793, AU156790, AA834046, AI074599, BF508482, AW471200, AI140806, AA704933, AI183801, BE467855, AA722574, AI675788, AW339508, AI310364, AI298503, BF509650, AU144823, AW294987, W68566, AI675232, AI872891, T93878, BF924951, AA442101, BF987529, BG057507, AI364465, AI193543, AI130863, AI765479, AA456203, BE645691, BF928269, AA723857, N92388, AV724981, AI468507, BG006079, AW770995, BF477789, AI672711, AW449730, AA010215, AA427828, AI187099, AI537838, W68567, AA621634, AW470742, BF111464, AA885026, AW023979, AI183292, AI954815, AI313208, AA442131, AW135628, AA340007, AI004499, AI417504, W24584, BF063027, AI371368, AW449927, AA375179, AI963892, AI916136, T09256, AI921195, AW079270, R86293, AA815198, F30301, T54370, N54040, AA707604, Z19140, AI349321, AI571348, T93921, AW879730, AI242929, AI193748, W95356, BF062075, AI183908, AA330901, AI825347, AW471024, AI926388, AA903834, T54262, AA719132, AA593079, AW956432, AA610289, AI401113, AI202906, AI640676, AA093708, AW571951, BF927226, AI919371, AA093723, AI620803, W73758, AA010274, AA044379, AI868834, AA095496, AA044447, AA294936, AI002625, BF853901, W95275, AW796789, AW452667, AA496240, W73592, AI803594, AP000501, AK001914, AL110244, AB040964, AF298153, AF206673, AL137610, AF130058, and AI659780.</p>
HHEHG38	1103	883493	1 - 1843	15 - 1857	<p>AW976358, AV686983, AI807087, AV646121, AW961968, AV646138, BE549529, AA424670, AW271548, AI419841, AW592539, AW501010, AI538436, AW501128, AA424573, BF700169, AA770475, AV659105, AA004250, AV660261, AV658479, H72674, AV658573, AV660130, AV660299, R00934, AV683433, AA873728, AA742969, AV646353, AV646230, T08315, T77004, AW796868, AV707357, F13040, F12949, AA972636, AA699932, AA761228, AA766036, AA987961, AA947936, W72622, W27156, AW016152, AA761066, T75185, AA488904, AW138334, AI866469, BG110517, BG029667, BF061529, AI433157, AI554821, BG252929, AW151136, AI539771, BE897632, AI537677, AI494201, AI500659, AI815232, AI801325, AI500523, AI582932,</p>

	AI872423, AI923989, AI284517, AI500706, AI491776, AI445237, AW151138, AI521560, AI889189, AI500662, AW172723, AI284509, AI889168, AI440263, AI866573, AI633493, AI434256, AI805769, AI434242, AI888661, AI284513, AI888118, AI859991, AI436429, AI889147, AI371228, AI440252, AI866786, AI860003, AI610557, AI242736, AI887499, AW015583, BF812963, AW858243, AI538850, BE885490, BF812936, BG257535, AW015071, BE222387, BF338002, AL045500, BF795712, BE886728, AW138149, BG260144, BF108457, AI890907, AI539800, BE965355, AI866465, AV743631, BF058122, AI538885, BF910810, BF197725, BE326333, BF812438, BE674575, BF057123, AI274759, AI371251, AI866510, AI681193, BE219161, AI801957, AI923046, AI500714, BF921092, AA826395, AI355779, AI499986, BE673679, AL047422, BE327092, BE963918, BE964512, AW139596, BF433075, BF811804, AI433976, BE895765, AI690835, BE465341, BG108334, AI648567, AI539781, AI366900, BF970652, AI476086, BF968504, AI581033, AI559957, AI432666, BE963035, AW197139, AI539707, BF814409, BG113712, AI348880, AI521571, AI568138, BF814541, AI275175, AI696060, BE964959, AI608805, BE964576, AI499463, AI280670, AI920968, BE964767, AI610362, AI620284, AI440239, AI521596, BF727352, BG120046, BE965724, AI537273, AI436456, AI371265, AI963846, AI744185, AI567940, AI610357, AI817244, AI491710, AI612913, BF904178, AL119319, AI285826, AI863014, AI521594, AI499512, AI889133, BF526393, AL042551, AL042365, AL042787, BG029053, AI042572, AL513743, AI610402, AI434223, AI697243, AI610429, AI628850, AI828574, AI433968, BF812961, AI539632, BE895585, AL515375, AI889148, BF987113, AW118237, AL042377, AI539847, AI872074, AI828583, AI887775, BE875407, AL042538, AI872300, BF968907, AW172745, AL042557, AI538878, AI354998, BG179586, BG111590, BG121959, BF968622, BG114012, AI567935, AI805762, BG165260, AI432656, AW268060, AI308035, AX040958, AX040974, I89947, I09499, A08916, A08913, I48978, AR038854, AF032666, A08910, A08909, I46765, A93016, AK026086, AL122049, AB048953, X70685, AF113222, A08912, E12747, I89931, AK026865, AL080086, AO087170, A08908, AK026627, U66274, AR079011, AR079012, AL162062, AI133665, AL389939, AK000718, AK024992, AF271350, I96214, AR034830, AL137271, AK025414, AK027204, M86826, AF185576, AJ012755, AF116682, AB049892, AL049466, AL162006, AL133072, AL137283, AK000212, AK025524, AF085809, AL137557, AF119875, AF143723, AB052191, AF130077, AF090896, Y07905, AL110159, AL133560, AF118094, AF130055, AK026642, AK026784, AF153205, AB048975, AL117460, AL359601, AK026927, AF090901, AL389935, AF081197, AK025383, AK026462, AL122110, L13297, AF067728, AX042059, AL049283, AK026480, AL133080, A77033, A77035, AF087943, AL133081, AK026744, AX045627, AB050431, AF090903, AL137533, AL133077, AL050146, AL353940, AL133049, E15569, AF081195,
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HSLDT25 HSDGHI9	1104	883540	1 - 1531	15 - 1545	<p>E07361, AL353625, A18777, A08907, AK024538, AL353957, AF110640, AF130105, AL359941, AL133070, AF217987, AL137705, I48979, AF130104, AK027114, AF116676, A65341, E04233, AB041801, AJ299431, AB048919, AL050172, AK025092, AF116654, E06743, AL117585, AK025632, AL080158, AF262032, AF130082, AK026464, AF130110, AL122123, AB034701, X72889, AK026532, AK026408, AK027113, AB051158, AK027096, AK026528, AL137478, AF217966, AR000496, U39656, AK026626, Z82022, AB050533, AL117416, AK025435, AK027160, A93350, AF026124, AF116602, AL110221, AF125948, AF158248, AX010492, AL137550, AL050393, AL110222, AL122121, X83508, AL137476, AB049848, AK025889, AX005848, Y10655, AX005804, AR013797, AK026550, X82434, AL137526, X87582, AL050024, AL049430, AF113699, AL133640, AK024601, E02349, AL359596, AL117583, AK026741, AK000083, AF111849, AF219137, Y09972, A90832, AL117457, AK026452, AF177401, AX027129, AL353956, U78525, AF106657, AF008439, AF285167, AK000450, AL390167, AK026542, AB052200, AL049938, AK025857, I17767, AR059958, AK026950, AF130087, AF090900, AL096744, AF061943, AF113013, AK026591, AL121656, AF119337, L19437, AL389978, AK025391, AK025375, U30290, AF061795, E08631, AF151685, AL133568, AL137488, AK026506, AF000145, AK026647, AL133112, AL359618, S78214, AK000486, AK026600, U00763, AL137300, I89934, AK026593, Y10080, AF111112, AF078844, AL080060, AF090934, AK024588, Y16645, AK025967, Y11587, AL080074, AL110196, AK026583, U58996, AL359583, AL137648, and AL137459.</p>
	1105	883575	1 - 1696	15 - 1710	
HSLDT25 HSDGHI9	1104	883540	1 - 1531	15 - 1545	<p>BE783089, BE789391, BF772511, BG165382, AI862790, BF771072, BE152519, BF932134, AW818329, BF674751, AW819150, BE843100, AW819068, BF900098, AW819148, AW859021, N44628, AW819071, BE843098, AW858883, AW819129, BE843109, AW818377, AW858884, N33817, BE843087, BF334447, AI421263, AI920892, BG109013, BE139139, AI250552, AI251034, BE927394, AW270255, AI284543, AI251284, AI251203, BE138387, AI561210, AI537020, AI340151, AI254770, AW303098, AI223626, AI278972, BF744666, AI753672, AI627614, AW270385, AW969743, AI362442, AI249853, AA464271, AA483606, AW674258, AA570740, AI251241, AW862005, AW063362, BE042006, AL135605, AI538491, AA568204, AL079894, AU146936, AI889579, BF681363, AL009051, I34294, AF111168, AC004971, AL034405, AL121928, AL158824, AC004826, AC004686, U78027, AC005913, AC005005, AL133153, AL121601, AC006241, AC007276, AC007199, Z99127, AF165926, AL021918, AL008636, AC018639, AC004217, Z81314, U52111, AC004797, AL035659, AL158830, AL499629, AL078461, AC027319, AC008482, AC009238, AC007050, AL157701, AC020904, AC006312, AC005245, AC002430, AC011811,</p>
	1105	883575	1 - 1696	15 - 1710	

					AC004983, AL031670, AC009721, AL109743, AC010150, U07562, AC003026, AF190114, AL049748, AC005363, AC011895, AL031281, AL121947, AC006454, AL031427, AC024561, AC007384, AC008623, AC018720, AC002418, AC004167, AC005625, AC008070, AL021939, AC002565, AL049839, AC002483, AC006160, AC008403, AP000505, AC020629, AC006251, AC002559, AL136979, AC024571, AC008392, AL033529, AC004985, AL031685, AC005632, AC004230, AC007371, AP000555, AC012384, AC004491, AL135744, AC002429, AL109825, AC002470, AL121753, AC007620, AL080317, U91323, AC005914, AF091512, AP000045, AR036572, U91328, AC007254, AP000359, AC007766, AC004876, AL049843, AC005800, AC005015, AB003151, AC005740, AL008718, AL159168, AC006211, AC005377, AC006483, AL022320, AC008753, AF038458, Z93015, AC002044, AC020552, AC012067, AC007011, AC024563, AL008627, AC007014, AL1353807, AL353748, AC002553, AC003042, AC020917, L78833, AC007957, AC005098, AC011526, AC005067, AC004867, AC004638, AL031286, AP001748, Z74617, AC005046, AC005082, AC005412, AL121712, AC005924, U91326, AC006057, AL133387, AC005796, AC007021, AL096870, AL139339, AC004166, AC018663, AC005821, AL133551, AC005154, AP000193, AC005004, AC003098, AL136300, AL162724, AC005519, Z77249, AC004386, AC004655, AL021808, Z84469, AC005089, Z97181, AC005479, AL050349, AC005071, AL133445, AC006509, AC004854, Y14768, AP001718, AF111169, AC008745, AL132987, AC002996, AL135927, AC007227, AC003035, AL163541, AC005666, AC011494, AP000700, AC006014, AC009506, AC000134, AC005006, AC008893, AL158198, AP001717, AC084732, AJ132695, AL035681, AL133243, AP000501, AC012519, AL031659, AF317635, and AL353574.
HCEOU19	1106	883591	1 - 360	15 - 374	BF685763, AJ272063, AX026848, AX002940, AX002942, AJ277028, AX002946, AF168787, AB041029, AB040873, AF158248, AF029310, and AB015231.
HBIMR04	1107	883607	1 - 1390	15 - 1404	BE732755, BE903494, BE732219, BE733100, BE798997, BF307455, BE790098, BG116782, AI922958, BE019403, BF056056, BF663106, BG004431, BF797004, BE296637, BF341424, BF346884, AI972432, BE779390, BF308290, BE392828, BF035118, AW614802, AW391908, BF856907, AI922949, BF037039, AW630084, BE205784, AI961967, BE297217, AA568658, AA484955, BF205124, BE268804, AW207083, AW139687, BF792778, BE247595, BE019143, BE241782, AW581613, AW195438, AW296274, H55661, BF871016, AW294860, AL119220, H61275, AW748832, R87853, H52133, H38451, R87771, BE620360, R87761, H52024, R90897, R88865, R87838, AL449244, AF218001, AL022328, and AK024447.
HSKZE56	1108	883619	1 - 2762	15 - 2776	BG106476, BG119187, AA181053, BE257196, BG236268, BF197693, AW070995, BE301017, AW955015, AW024308, AL371795, BF894719, AI161239, AI818105, AI394273, AI093150, AI887545, AL134379, AI363188, BE866848, BF530069,

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HLJBD90	1109	883638	1 - 1620	15 - 1634	<p>AL522893, AW603667, AA778739, AW444921, A1798800, AA479455, BF529062, AW505437, A1376172, BF515391, BE073325, BE073324, AW015166, Z44874, F07594, AA910991, BG033712, AW971745, AW804686, AW392670, BE695785, AW861944, AW877209, AW604723, AL119444, AL119443, AW858526, AL119363, AW858525, Z99396, AL119319, AL119457, BE705903, BE705906, AL119324, AW577135, AW372827, AW384394, AW861889, AW858455, AW363220, AW604726, AL119497, U46351, AL119484, AL119391, AL119355, AL119483, U46350, U46347, U46349, U46341, AL119418, AL119341, BF868697, BF868687, AL119439, BF868684, BE705905, AL119522, AL119396, U46346, AL119335, AL037205, AL043019, BE705904, AL119399, AL119496, AL134538, AW861954, U46345, AL042614, AL042542, AL042544, AL042450, AL042984, AL042965, AL042975, AL043029, AL119304, AL043003, AL042551, AL119464, AB026436, AR080280, AR054110, AJ251859, AX030435, AR060234, A81671, AJ279014, AR066494, AX046357, and AR069079.</p>
HAUAX28	1110	883675	1 - 1256	15 - 1270	<p>BG168177, AW974559, BG034745, BG035720, BG179991, AW182455, BF037682, AV703335, BE779168, AV705957, N36850, BG256622, AL522341, AI300110, AI346445, BF029781, AW249181, BE779198, AW936803, A4780230, AW009828, BF509803, AI346064, AA649333, AA410804, BF438636, AW188356, AI144205, AA044245, AA403109, AI144550, AA284475, BF897751, AI034452, AA009651, AI127267, AA527043, AI809554, AA401250, AW936628, AA830947, AA872387, AA975365, AL522340, AV701805, BE177161, H12949, AA723672, AW182383, AI094582,</p>

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HUCPU88	1111	883702	1 - 972	15 - 986	BE615164, AW964181, N30397, AA059386, AA602790, AA557327, R85411, T70265, R72754, AA669881, H20815, AW239428, H85968, BG118388, AA971100, N62599, R44089, AL119174, R72761, H24961, AA932443, T56726, F09218, BF307164, AI693610, AW013841, AA770306, BF686057, AA627783, AA205013, AA378928, BE159080, AI279987, N78366, BE707911, AI791356, AF083810, AC005786, AF102508, AB033068, and AC005787.
HFXXJ22	1112	883713	1 - 425	15 - 439	
HWHPD05	1113	883740	1 - 1771	15 - 1785	BG030554, BE727682, BF339758, AU122088, BE880357, BE315458, AU121559, BG108206, BE730455, BF339394, BE514031, BG120909, BE273933, AU137372, BE304860, BE674892, BE293337, AI925240, AW205565, AI879305, AI992138,

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HFRANI5	1114	883797	1 - 1524	15 - 1538	AA564713, AA491341, and AA489985.
HHGCV39	1115	883848	1 - 690	15 - 704	BF437434, BE562975, BE646364, BE898827, BE734905, AW245842, BE741623, BE387443, BE275558, BE791237, AA393921, A1568587, A1805978, BE386863, BE857544, BE387535, AA845548, AW627607, BE899199, AA227916, AA530975, BF340639, A1391625, A1199262, BE311908, A1201926, A1675180, A1123847, AA463396, A1128152, BE384118, A1197839, AA227574, AA505110, R52594, AA913172, A1187762, AW408817, AL535519, A1076304, AW009600, AA465034, AA913634, AA885156, AA488109, BE265829, AA464960, AA884143, AA452881, A1886462, A1188491, BF446332, R53393, AA424231, BF221728, BE243531, W60397, R84997, A1312011, BE903843, A1675231, R40380, BF331414, D45528, BE249813, F37062, BE670322, A1473277, R84954, AA904651, AW407603, W60306, AA322573, BF033345, A1368380, AL535520, A1928674, A1886883, AA336279, A1471250, F31267, A1357522, BF032040, A1240487, BE293522, BE906959, BE799659, AA340807, AW571615, AA322560, A1915463, AA083769, F30739, AA393689, AA460456, AA351110, AW505351, AA459967, BF035088, BG248165, AW957595, BE905101, BE910005, R18201, R55563, AA460455, BE546590, and BE796067.
HMAFM8 0	1116	883887	1 - 1611	15 - 1625	BG105336, AW957993, BF346821, AA280769, BF980483, AA378985, A1016927, BF921687, AU125937, A1963454, AA302139, T59191, AL133676, BE718711, AA528018, AW803081, AU154392, BF589781, AU154557, A1559863, AW891165, A1623682, A1915295, A1832038, AA829924, A1357049, AW263804, A1621341, A1565172, A1679550, AV649336, BE155861, AW081343, A1952784, AA833819, AL040694,

BE621256, AI537967, AI537837, AI677797, AW194014, AW166612, BF525786, BE138941, BF107493, BE964981, BF911528, AI802826, AI472566, AI251221, BF032768, AA464646, AW073898, AW082623, AI611743, BG180562, BF753037, AI538764, AI953765, BF751997, AI266436, AI582912, AI866573, BE788683, BE928768, AI685106, AI445620, AI285514, BF061286, AW167410, AA746607, BF904248, AI305157, AI952862, AI932915, AA857847, AI624304, AW081169, AA905628, AI784230, BE780724, AI280561, AI038605, AW020693, AW196868, AI560844, AW409775, AI656270, BE541445, AV743631, AW131165, AI250627, AI452993, AI560545, AI805688, AI926593, AA830821, BF811802, BE393551, AI702065, AI270039, AI802372, BE155168, BF904189, AI537516, AI690813, BF572734, AI118781, BE536058, AW082600, BE091470, AV734082, AI805638, AI250856, AW827279, AW008353, AI309306, AI636788, AW956384, AV756046, T66952, AW500379, AI583032, AI916419, AI036396, AI285439, AI345608, AI432644, AI433611, AI457968, AW025279, AI312210, AW078767, AV739574, AI891102, AI038154, AI289791, AI584118, N27632, AW168503, AI590423, BE907440, AI263584, AI560096, AA848053, AW059713, AV734888, AI491805, AI241741, AI619716, AW022494, AI473528, AW263569, AW167777, AW078805, AW631265, AI859464, BF924884, AI890412, AI918634, AI582871, AI345415, AW673679, AI499986, BE965169, AI249877, AI269862, BF812963, AI263312, AW151451, AI242736, BE790023, AI345471, AI679504, AW130430, AI890057, AI637748, BF061283, AI308035, AW268060, BE879612, AI571699, AI500523, AW265004, AI680504, AI349967, AI039086, BE897632, AI281757, AI242248, AI270295, AI819545, N36182, AW302973, AA908294, AW089275, AI471282, BG179295, BE048191, AI446124, AI623736, BE875959, AI568138, BF915208, AW129271, AI865320, AI623941, AI701890, AW055252, AI500061, AV692108, AV659586, AW151817, BG163618, AI046466, AW087566, AI114703, AV659536, AV688427, AI859644, AI432532, AW051088, AW191844, AI951222, AI890907, AA761323, AA827630, AW172723, AA641818, AI524654, AV681951, AI633125, AI267185, AI814260, AV682387, BF909758, AW806761, BE883591, AW079334, AA808175, AW302073, BF812936, AW167926, AV728833, AI401697, AI698391, AI050666, AI589428, AK001677, AK022786, AK025414, AI359618, AI137557, AF012536, Z72491, AF017790, AF188698, AF145233, AF113222, I89947, X66862, AL390184, A08913, AL389935, A08912, AK026865, AJ001838, S76508, AF061573, I48978, AL049460, U72621, A08911, AL080129, AK026885, AF118092, AF208850, A08910, AL080162, A08909, U00686, AF040751, AK025484, AJ010277, X80340, A08907, A08908, AF038847, AJ012755, X66975, AL157431, AK025015, AR038854, AB048913, AB033884, AR070212, AL050172, AF116602, AF036268, S77771, AF002672, S61953, AB019565, AI8777, I89931, AK000652, AK026464, AK027114, AF132676,				
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					AF061836, AF130105, AL137533, AL137547, AL442082, AR087170, AK000137, AB049900, AF305835, I03321, AF242525, AF166267, AK025375, AK025524, AB052191, U75370, AF069506, Y08769, AF113013, I89934, AR080774, AF002985, AK025378, AK026959, AK027204, AK000435, AL133014, AX045159, A18788, AL035458, AF141289, AK027081, AK026057, AK026642, AF202636, AK025092, AL133624, S69510, AF090901, Y17327, AF119337, AK027105, AK024594, AK026894, AB048953, AL080158, AK000753, AK024855, AL031346, AL389939, AB047248, AF159141, AF118090, AF079763, AB007812, J05032, AF130077, AL133077, AL137294, U62966, A08916, AF078844, AF067790, AF119875, AR000496, AB047966, U39656, AK026630, AB047869, AL442072, E02221, AR073709, AK026600, AL161628, AL050170, AK026592, L04849, Y10823, X62580, AB050418, AL049314, AK025084, AF110640, AL161953, AK024747, AF153205, AF090900, E06743, D16301, E15569, AF207829, AL049465, AK026534, AF130104, X98066, AF119883, AR013797, AB016226, Y10080, A86558, AB049849, AL162008, AF067728, AX042059, A65341, AK026528, AL050024, AX047644, AF119896, A83556, A76337, AB047623, AB047941, Z82022, AX017991, AL117416, AF218006, AF217987, AK026784, AF183393, AB048975, AK025431, X92070, AB048995, AB049758, AL353940, AK024538, AF139986, AL050393, AL137641, X93495, U36585, AF008439, I89944, AK007383, AF130058, AK026395, I18355, AR085690, AX005848, AX005804, AL389951, AF085809, A93016, AK026628, L13297, A93350, AL137640, AL359596, AL117583, AF116650, AF031147, AK026571, AF114818, AL355713, X06146, AL050116, AF130092, U72620, AK026649, AF261883, AF013214, AK000450, AX040958, AK026533, AL133640, AF218033, AF200464, U95114, AX010492, AK026627, X57084, AL359620, AF180525, AL096751, AR068466, AK027136, AJ006417, AL137292, AF081197, AF081195, AL133665, AK026532, AB049848, AL390167, I22272, AL080124, AL117648, and AL136884.
HAPOW71	1117	883889	1 - 2598	15 - 2612	AV725650, AA127680, BE161426, AW130367, BF343057, BF575221, N95226, AI096437, AI161240, W58383, AW966449, AI356752, AI093508, AI057144, AA044288, AI423547, AW130361, BF941499, W21055, AI221152, AI094774, AI352542, H47283, W03697, AI002491, AI891136, AA044116, T53270, R24320, R48378, AV658066, AI829703, BE140169, AI819388, Z44849, R16574, T39273, AA095159, Z25099, AW273857, AA384077, R16633, AI245095, AW026140, T93764, BE927909, N73937, AW118768, AA121543, AA995178, AI453845, AW044037, AA703455, AI452494, H40993, R48277, AW629019, T64039, AA904647, AW073189, AW263913, AI096938, Z28777, AW797518, AI039546, AI434419, AW050649, BG003285, AI240412, AA886341, H23905, AI695284, AI767991, H47284, BF921915, AI309041, BE927916, AA724059, AI352281, AI584012, AA618131, AA357401, BE936061, AI796309, AB018301, AI096772, and AB019120.

HBCBW64	1118	883947	1 - 627	15 - 641	<p>BG169614, AA588137, AI080284, AA151600, AL524096, AA812400, AI379227, AI689395, AA947939, AI022836, AA888610, BE788093, AI033492, AW152233, AW079971, BE539310, AW079823, AI929308, W45396, AW474029, AA102652, AA719067, AI695032, AA719260, BF765494, BF305841, H17404, AI364993, T26560, AA233641, AI866615, AA977846, AW075310, AI738959, AA774424, AA516203, AW731874, AA847459, AA418729, W40329, AA293818, BF000507, AI016363, AI306738, AW583420, AI190557, T94970, AA233651, AI583954, AA694563, AW881338, BE763499, AI086511, AA402466, AL521980, AI278358, AA922883, AA418783, BE962006, AW241548, BF088398, AW381697, Z38371, AW371444, AW371494, AW371428, AW371434, AW371492, AW371439, AW371500, AW957293, AW371497, AW752346, AW371425, AI764992, AI673119, AW381740, BF855325, AI223910, AA995283, AA159060, AW371491, AA149481, AW062924, BF812971, AK025971, and AL137381.</p>
HBING74	1119	883950	1 - 2228	15 - 2242	<p>AL523159, AL535363, AL524097, AI080284, BE796772, BE563329, BE794442, BE749183, BE799726, BE899534, AL521981, BE793279, AL524096, BE896385, BE867259, BE872489, BF034350, BF305841, BG169614, BF306743, BG116087, AW957293, BG180957, BE788093, AA588137, AA418783, AL521980, BE539310, BE267081, BG122825, AW602032, AA207179, AI527120, AA151600, AW247737, AA812400, AA947939, AI086511, AI689395, AI016363, AI022836, AI033492, AI379227, AA88610, AW152233, AW079971, AI929308, AW079823, AA102652, AW474029, W45396, AA719067, AI695032, AA352490, AW583649, BE047806, AA719260, AA233641, BF765494, BF998700, H17403, BE769863, T26560, H17404, AI364993, AI866615, BF000507, AA977846, AA418729, R69949, AA774424, AW075310, AW731874, AA847459, AI738959, AA694563, AA516203, AA922883, AW583420, AI278358, AI306738, AI583954, AI190557, AA233651, AA293818, W40329, AA402466, BE929307, AW583583, T94970, AW881338, Z38371, BE763499, BE208442, AA995283, BE962006, AA149481, AW371428, AI929385, AW241548, AW371500, AW381697, AW371494, AW371492, AW371444, AW371439, AW371425, AW371434, AI764992, AA781088, AI673119, AW381740, AW753538, AW371497, BF812971, BF088398, AW062924, AW753528, Z42104, H13358, AW752346, AA215396, AI870635, AA101306, AW062925, BE707483, AW602031, AW371491, BF855325, AW751955, AK025971, and AL137381.</p>
HBIMJ94	1120	883951	1 - 3145	15 - 3159	<p>AL537548, BG033689, AU125375, AI869999, BF002837, BF664401, AI798618, AI741556, BE909815, BG113586, AI761864, AI302794, AW051327, BE787155, AI969505, BF888219, AW731698, AU138035, AI537547, AI870739, AI160669, BF306316, BF340306, AL044737, AJ003566, AI879426, BG057339, AI368084, AL045530, AA120795, AA761346, AL044954, AI129111, AU149046, AW593269,</p>

					<p>AI829047, BE048019, AW386998, AA398635, AI745690, AI129490, AI818097, AI677689, BG119857, AW576582, AI813539, BE545657, AW206503, AI362857, AW778791, AA554314, AW504822, AA595366, N49009, AA120796, AW958494, AI085332, AA743798, BG149270, AA765065, AA905368, AA405797, AV709581, AU157434, AI985137, AA054973, AI308765, AI969970, AI952601, AJ003560, BG111326, AA309922, AI393996, AW134896, BE706341, AW119166, AI867060, AW390674, BE645390, BF888221, AA235821, BF957450, W67634, AA760821, AA552287, AW302538, AA913062, AA577405, AW373532, BF445532, AI869892, AA744792, AI984728, F29393, AW014602, AW500051, AW957323, AA716096, AI863318, AI446410, AI656236, BF476012, AA653987, AW872865, AA983618, BE870667, AA868409, AW204394, BF957447, BF435499, AA932027, AA393294, R07342, AW474166, AA353241, AA490924, BF510147, AJ003561, AA405921, AA550804, AI702719, H60329, AI583001, AI245909, N59832, AW337737, AA716517, AW197895, AW273387, AA931526, AI918202, N66973, AA398408, AW009122, AW197786, AW149449, AW149357, AA642372, BF509209, AI934859, BF445981, AA358990, AW195868, AA055409, AI203747, AA366960, AA676532, AI191649, AA147593, AA974844, AW591919, F04506, BF886561, AA770257, AW610036, AA019605, BG122089, F01717, BF114952, AI094856, BE503796, H55503, AA323399, AV682343, BE047660, BE930552, BE501983, AA402579, AA341237, AA897448, BE767816, BF663551, BG121061, BF509354, D31522, AI216487, BF222004, BE857255, AI971272, Z45600, AW131445, AI198034, AK002063, AB014585, AK022669, AI096767, AP001634, AC004527, AP001660, and AC006557.</p>
HNFCT36	1121	884007	1 - 948	15 - 962	<p>AW467020, AI823980, BE221723, BE501861, BE218181, AI912209, AW972520, AV657234, AA037250, BF034279, AW961986, AA348964, AI343781, AA836840, AI261736, AA705408, AI669241, AA989445, AI343945, AW292445, T69099, AI266440, AI629006, BF239609, AI203169, AW800659, AI830483, AA393609, R16478, AA505744, N74761, AI310153, AW466943, N52515, BF197524, AA037228, H82518, T69020, AA702850, H82519, AW292323, R16778, BF939632, and AJ404857.</p>
HAFAT26	1122	884076	1 - 1750	15 - 1764	<p>AL521180, AA843300, AW961520, AI911560, BF978618, AI523785, BE018217, AW237499, AI745296, AW085198, AI281417, AI276690, AL521179, AW451214, AA488829, AW968915, AA548082, AA296843, AI500123, AW961518, BE708301, AA296947, and BF925381.</p>
HE8MV45	1123	884379	1 - 787	15 - 801	<p>AW962692, AW374334, AI064813, T31706, T08905, R94666, T09212, BF734843, T31698, BE620271, BF734846, BE867273, T83796, BE273962, BE782895, BE311886, AA714176, BE264561, T27030, BE207353, BE151883, BE208595, BE272982, BE151914, BE151987, BF350438, BE151977, BE151910, BE151976, BE151911, BE151974, BF350429, AW748719, BE151904, BE151966, BE151968, BE151897, BE151854,</p>

HUKEQ96	1124	884532	1 - 1045	15 - 1059	<p>BF350425, BF350431, BE151907, BE151885, BE151969, BE151963, BE151869, BE151979, BE151866, BE151872, BE151889, BE151873, BE151849, BE151890, BE151843, BE151868, AW748710, BE151901, BE208508, BE151905, BE151861, BE151844, BE151871, BE151912, BE151850, AI655004, BE151864, BE151886, BE151874, BE151913, BE151846, BF350432, BE151839, BE151870, BE151887, AW239098, BE151862, BE151882, BE151845, BE151841, BE151847, AW748711, BE151842, BF350418, BE256119, BF330205, BF737941, BF804851, and AF196972.</p> <p>AL533261, BF340090, BE747609, BF689115, BE312682, BE394938, AW409731, BE393786, BF527924, AW051802, AI633513, AW167864, AI936855, AA234656, BE676156, AU159621, BF881821, AW188496, AI365337, AI273398, AU152825, BF681190, BE465671, AI493382, AI372677, AI870333, BE297986, AW070957, BG027612, AI372678, AI261977, BE220670, BE296105, AW006652, AI378450, AA576714, BF770024, AI054043, AI027809, AA928668, AW183133, AI027815, AA971434, N59291, AA873864, C75089, T03424, AI394227, AI580687, T03371, T32966, AA954368, T33489, AA323766, AW864486, AW864516, BE868618, AA968925, R50305, AI453617, BE828625, AA732753, AI097581, AI364675, AA954339, AI468514, AA455474, Z40656, H06725, H23484, T87222, AI372675, R44940, R50314, AW008378, AA670426, AW409641, AW798484, R46701, H29561, T66743, AI523364, H23486, AI935180, AA037364, F10589, H05150, AW070382, AI742491, AA834030, Z39993, R45314, H24087, AI339720, AW148771, AW798918, H24300, R50306, R43016, T16039, H08380, AI745398, R53461, R50416, R50313, F04562, AI560142, R47781, R41995, F01724, F04226, T15999, R44142, AV682602, AI123903, AA322164, F09993, R42746, R40512, H86556, R43692, F04028, AI984376, BE155765, AA617843, T16439, T16686, AA353506, T10102, F01506, N55646, BE814269, BE327839, AW965613, AI304626, AW003241, AA677085, H06858, AA570641, AI284889, BF892771, BE770014, Z38178, AI005000, T34814, AI309342, R55721, AA311926, AA627965, D20632, AI268300, BF858389, AK024508, AK023132, AI137301, AI118506, and AI274937.</p>
HKADF73	1125	884660	1 - 1528	15 - 1542	<p>BE793658, BF876714, BE907146, BE736305, BE894722, BE730507, BE267635, BE513314, BE275444, AW245867, BE513686, BE267672, BG171290, BE263332, BE788961, BG024511, BE258053, BF876516, BE379305, BE513717, BE903702, AW967241, AL121012, BG027669, BG027270, BE798742, BG028318, AW958816, AW956440, AA311066, AA306676, AW963273, AW401816, AA371885, T49178, T81512, AW629725, T57058, T07931, BF838955, AA356751, T07932, T72953, AA299743, AI627847, AA325137, BE407556, BF876525, BE769969, BE769964, BE769968, AA205251, AA282627, AW401818, AI937147, BE812963, BE715767, AA419518, AA380700, BE769954, BE083342, BF818887, BF872393, AW793854, AA772907, and AW071882.</p>

HSLN72	1126	884818	1 - 572	15 - 586	BE266962, AW246099, AW750974, BE266928, BF510708, AA722180, BF920184, R16951, T93190, AI275161, BE151494, T93096, and R16897.
HTXDM64	1127	885098	1 - 1660	15 - 1674	AW966053, D59927, AV719188, AV724520, AW975618, AW959597, D81030, AW966534, AW966062, D51799, D80227, AW966531, AW978634, AV699927, AW975621, D80195, D80269, AW966013, D58283, AW966054, AV719783, AW959570, AV718800, AV720464, D80193, D80166, AV718489, AW966041, D80038, AV720203, D51423, D59619, D80210, D80391, AW959628, AW960553, D80240, D80253, AV722801, AV719822, AV718692, AW973307, AV720731, AV700889, AV719324, AV718440, AV720028, D59859, AV720211, AV718844, AV719557, AV718770, AV699447, AW965177, AV723927, AV699550, D80212, AW949656, AW949642, D80196, D80188, D80219, AV719468, AV718633, AV723097, AW965158, AW949641, AW966050, AW949654, D80043, D59889, AV720791, AW949618, D59502, AW959202, AW975605, C14429, D50979, AW949655, AW978661, AV720812, AW949629, AW949645, AW949633, AW949632, AW949631, AW949643, AW949657, D59275, D80366, AW960465, AW949646, AW949658, D80378, D80022, AV721386, AW966043, D80045, AW949653, AW973447, AW959582, AW964488, AW973485, D80164, AW978648, D57483, AW965163, AV681510, AV681491, D50995, D59787, AV718938, D59610, AV718931, AV699669, T03269, AW966022, D80024, AW959799, C75259, AV720654, AV699746, D59467, C15076, AV700229, AW964737, AV719628, D80241, AV742001, AV742667, AW959469, AV701125, AV701335, AV701166, AV701043, AV701332, AV701017, AV701248, AV742048, AV701431, AW973541, AW959062, AW964477, D80134, C14014, AW973334, AW964756, AV681529, AV718707, AW965176, AW966029, AV699682, C14331, AV645389, AV719049, AV701419, AV742430, AV701154, AV645344, AW958992, AW966065, AW956434, AW965197, C14389, AW958993, AW959136, AV701443, F13647, AW752082, AW960414, AV699479, AW965185, AV645343, D51250, AV701130, AV701149, AV701422, AV718530, AW973474, AW962245, AV745080, AW956397, D80268, AV719913, AW965184, AW965175, AW966075, AW962082, AV744770, D51060, AW966560, AV720220, AV701428, AW973488, AW178893, AW973482, AV701415, AV701344, AW975613, AV719000, AW960564, AW973470, AA305409, AV681468, AW960504, AW964532, AW973465, AV701004, D58253, AW973330, AW960473, AW965196, AV720878, AV700622, D80949, AW753053, AW975623, AV721784, AW966023, D80168, AV720607, AV718674, AW960570, AW966059, C14227, D81111, AV699652, AV719727, AV701021, AW960454, D51079, AV700159, AV720150, AW966053, AV645383, AV645393, AV681528, AV681474, AV645339, AV681472, AV681507, AV681465, AV681525, AV681495, AV681505, AV681504, AV681486, AV681464,
HAGDJ72	1128	885264	1 - 832	15 - 846	

					AV681487, AV681506, A90844, AX027925, AR070327, A84916, A62300, A62298, AX033851, AJ132110, AX047063, AX047064, X67155, AX035434, A78862, AX020191, A67220, D89785, AX020190, AX021518, A25909, AX047062, D26022, D34614, AJ302649, Y17188, AR018138, D88547, AR092424, AR025207, AF058696, X82626, AJ294956, AR077702, AR008278, AJ287395, AB028859, AF260572, AX028130, X68127, AR087649, AX015396, AB012117, AR088705, Y12724, A85396, AR074141, AR066482, AX042372, AR074545, A85477, A44171, I19525, A86792, X93549, A82595, A94995, AR060385, AB002449, AR016808, AR008443, AF135125, AX035429, AX035428, AX035426, I50126, I50132, I50128, I50133, AR066488, AR016514, AR060138, A45456, A26615, AR052274, AR064240, AR074139, AB037923, Y09669, A43192, A43190, AR038669, AR066490, AR066487, AR074136, I14842, A30438, I18367, D88507, AR054175, D50010, Y17187, AB033111, A63261, AR008277, AR008281, AR008408, AR091537, AR062872, A70867, AR093385, AR016691, AR016690, U46128, D13509, I79511, A64136, A68321, AR060133, Z32749, AR087528, U87247, AB023656, U79457, AF123263, AR032065, X93535, and AR008382.
HTPHK88	1129	885476	1 - 1208	15 - 1222	BF677930, AA433834, AA427986, W38581, AV734598, AW959496, AA362763, BF445054, AA331674, W05306, BE813115, AA029735, BE766912, AA331672, W93893, H46399, AI672548, AI637672, AA025077, and R26502.
HDPEA53	1130	885596	1 - 1165	15 - 1179	BE536400, AW954610, AV724270, H13753, H26446, AI097036, AA350964, AA629027, BF432511, BF977591, BF692169, AW997440, N22218, AA434495, BE184065, BF438461, AK026946, AC016995, and AF133670.
HMSDQ93	1131	886043	1 - 1178	15 - 1192	AA736485, AA363103, AW337819, AC005033, AC006544, Z97054, AL031276, AL034405, AC011489, AC004166, AC006064, AC005305, AC011449, AC005231, AC018663, AC005529, AP001754, AC008521, AP001724, AF047825, AL031280, AL355385, AL080243, AC004491, Z83819, AC010271, AC002302, AC005057, AL139353, AC006946, AC006160, AC021016, AC008044, AC005726, AL023583, AC005914, AC010605, AL353804, AC006088, AL034423, AC004383, AC005522, AC003108, AC004106, AC007637, AC007366, AC005484, Z98304, AC016637, AC005098, AC005924, AC002511, Z98051, AC006141, AC005899, AL031727, AC005103, and AC010412.
HSXAD12	1132	886222	1 - 1040	15 - 1054	AW004064, AI917503, BF530181, AI472000, BF108918, AI769374, BE793047, AI796095, BF968409, BE890615, AI521161, AW081955, BE783584, BE378720, BE878855, BE877449, BF206238, AW418833, AI004675, AW504360, AI239708, AI393067, BG116440, BE382908, AI150276, AI167968, BG177936, AU140976, BF002161, BE267898, AA992376, AA808590, AA815053, BF001613, BG059242, BF478218, AI024043, BF691484, AI479792, BF478041, AI967978, AA434432, AA663539, AI188140, AI762783, AW590813, AW590320, BF692602, AI523700,

					AI953131, BE184459, R91767, AI492033, BE872991, AW028459, AA917611, BF573567, BF056418, AA954498, AW136291, AA337228, AW068312, AI198049, AI470893, AW161411, BF591075, AA336491, AI696080, AW162916, AI825065, BE782905, AI969755, BF109293, W01493, AA434205, AV653316, BF977599, AA689578, BF445446, AA741139, BE872916, AA931970, AI742548, AI820073, AA670110, T82239, AW796017, BE002869, AW959163, W56832, W74054, AA296716, BE094684, BE904507, AI363793, AA358370, AA652867, AA299518, BF809760, BF809781, AX013113, and AK023846.
HWBAL42	1133	886307	1 - 662	15 - 676	AW003168, BE466532, AW237147, AI439258, AI956078, BE645843, BE781625, AW970295, AA779854, AW512289, AI609159, BE881430, AA534948, BF980307, BE891215, AI688602, AU157509, AW439055, R67130, AW970374, BE047217, AI625314, AI814840, AW028847, AI242712, R70223, BE047205, N30751, AI686110, BE832827, N30745, BG163314, AW510711, AW020132, AI784170, AW016865, AI688378, AI581165, AA521256, AI471337, AA102353, H04460, AA580884, AW674817, BF091838, AW673953, AW972092, AW972091, AW753744, AW972090, AW968729, AW968355, AW972093, AW968356, AW971740, AI431351, AI432658, AI431337, BE672732, AI623302, AJ295745, AK002079, L31840, AX030435, AX030436, Y17793, AF064854, and AR071207.
HUJBO10	1134	886364	1 - 1204	15 - 1218	AI732405, AA098790, BF593318, AI919234, BE710120, BE710098, AI252660, AI357112, AW379801, AW136535, AA972854, AI242200, BE046009, AA085713, BG054880, AI472075, AA011636, AW971745, AI970335, AW392670, AL119418, AW604723, AW804686, AW858526, AW858525, BE695785, AW861944, AL119319, AL119522, AL119443, U46347, AW384394, AL119457, AL119324, AW861889, AL119484, AL119391, AW858455, BE705903, AW363220, U46350, U46351, BE705906, AW577135, AW372827, Z99396, AW877209, AL119497, AL119396, AL119363, AL119355, AL119483, U46349, BF868684, AL119439, U46341, AL119444, AW604726, AL119341, BF868687, AL134527, BE705905, AL037205, BF868697, AL119401, U46346, AL119335, AL042542, AL042614, AL119399, BE705904, AL134518, AL119496, AL134538, AW861954, U46345, AL043019, AL042544, AI142139, AL043003, AL042450, AL042984, AL042965, AL042975, AL043029, AL042551, AL119464, AL119488, AB026436, AR080280, AJ279014, AR066494, AX046357, AJ251859, AX030435, AR054110, AR060234, A81671, AR069079, and AR043113.
HMUAP06	1135	886417	1 - 1696	15 - 1710	BG168410, BE884543, BF973855, BE909882, BE387570, BF685949, BE393715, BF684230, BG031113, BF207400, BE544289, BE467457, BF128034, BE784731, BF237614, BE784924, BE570002, AW054906, BF110819, BE271698, AI627220, AW302564, BF739799, BE293121, AI922692, AI433618, BE514525, W28983, AI570245, AA523507, AW967005, AI089550, H96652, BE263254, AA633725, AI298634, N94426,

						H96651, AI865249, AI344133, AA728755, AI926943, AA450270, AA305247, AA505901, BE313501, AA285243, H61772, AA459735, AV737439, W01440, AV653137, AV653693, AA450271, AA045305, N70834, BG106201, AA627963, AA987500, AA550761, AI813562, AA088488, R79371, BG113800, AA461318, AA341822, AA088487, AA045411, R79372, AI832128, BE833024, AA887835, BF128098, W19141, AV647153, AI333041, AF161382, AK027200, and AL357213.
HL YCA31	1136	886496	1 - 961	15 - 975		W68823, AI741023, AI951999, AI693102, AU118098, BE799794, W68731, BF345290, BE396292, AA525005, W85865, BE797466, AW179234, AA430006, AI963637, BG168103, AA758643, AI220400, AV734573, AA620313, BF903403, BE379619, W85949, BF439758, BE794853, AW365684, AW503617, N84944, N86274, BF433230, BF115100, AW962196, AW023421, AI018759, AA347391, H92438, AW502146, AW578460, AA446449, BE547318, AW806872, BE275822, BE275247, AA872594, AV692861, AW189256, BE699570, BF832161, AW501819, AI470443, AA299234, AA953676, BF875912, AW149940, AI955401, BF371244, AW449012, AA027085, AI864168, BF916760, AI457277, N47016, AW779801, AA876791, AA029927, AA987531, AI905099, BE045743, AA463495, AW601776, AI024708, AI344332, AI799995, BE144212, AW361685, BF732644, AW368146, BG002854, AL046436, BE773434, AV687542, BE093351, AK000982, AC005332, AL137380, AC005562, AL035658, AF224669, AC018797, AL135787, and Z54387.
HETTY94	1137	886524	1 - 598	15 - 612		AA831413, AW851103, AW965175, AW965185, AW965197, AW975618, AV719644, D52291, D80258, AV720791, AV720812, D52317, AW964488, AW949641, AV700229, AV720150, D51423, AV718440, AV720028, AW966013, AV720731, AA305578, D59317, D80038, AW949638, AW956434, AW966053, AV720104, AV720203, F13647, AV719913, AW966041, AW960520, AW966534, D59275, AV719188, AV719324, AV718770, D31458, AW966035, D80195, T03116, AW952852, AW966050, C06015, AW960473, AW962395, AV720729, AW958992, AV723097, AW965153, AW964477, AW949646, AV700889, AV718931, C16955, AV725779, AI535665, AV700622, AV720205, C14077, AV719632, AV718487, AW966398, AW959136, AW949645, AW949657, D80302, A82595, AR016808, AX047063, AX047064, AR077702, A84916, I79511, AR008278, and AR071754.
HRGBW44	1138	886559	1 - 1605	15 - 1619		AL534647, BF344568, BF129311, BF345279, AL534648, BE256986, BF033807, BE271438, BE893168, AI798895, BE729186, AW294536, BF447735, AI743014, BE790847, AI676078, BF446330, AU121306, AW135505, AI673498, AI951478, AI499658, AA700750, AW205838, AA884746, AU147154, BF724635, AI218294, AI670692, H38246, AI9038, AW135503, T68813, AI420784, H38021, BG122850, AA677312, H19329, AI368106, AW815696, R72320, AI141332, T68794, AW386909, H95507, AI286056, AA282891, AI658673, H70681, BF748978, AI873118, AW968351,

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HMTAU01	1139	886593	1 - 1758	15 - 1772	AW976158, BE673515, AI693180, AI761518, BF001248, AI590279, AA747708, AI823733, AW194815, BF035683, BF115168, N57928, AI830431, AA884847, AW614481, AU156134, AA828480, AA011477, AI948477, BG107680, AI243195, AI350100, AA011478, W02411, H94489, AI825469, AA503810, AW002939, BG057989, C02567, AI217219, AW088626, AW772473, AW273902, N72601, Z21113, AW628973, R06281, L44503, AI867856, R06339, AA936601, AW295577, H94575, BE466335, BF916122, BF576472, AW793179, AU137892, AA100691, BF055993, AW851010, AW850927, AI220615, BE157259, BE157255, AK026948, AK026998, AB002347, and AL049843.
HDPVO38	1140	886670	1 - 1832	15 - 1846	AL529008, BE515260, BE883668, AW954489, AW080196, BF334314, AI983315, BE715946, AI623984, BF838797, AI948729, BE550687, BE815265, AW118639, AW510817, AW027261, AI022855, AW015052, BF838798, BE673761, W26314, AI290713, AW453054, AW264049, BF513488, AI870376, AA936381, W27386, W25815, AI419230, AW338467, AW243987, W60767, AI335656, N50770, N50686, BE644989, AA366242, W60706, AA683604, BE901070, AV691292, AI467875, AI748811, AV689063, AI247878, AA533514, AA852777, AV686532, AA669692, BF516170, BE067609, AI400936, AA377771, AV686537, BE219286, AI245377, BF832794, BF949265, BE677754, AI701600, AA009572, AI636601, AA248947, AA573975, N72448, BE166057, AI870365, BE326604, AW070952, BF352156, BE792604, BE618204, BF831062, AA725156, BG104740, BE062973, BE062966, AW582272, AW582273, AW582266, AW856038, AW582277, AI424144, AW856044, AW391286, AW391297, AW856091, AW861042, BF334419, BE149815, AW856186, AW391294, D25625, AW605980, AW605984, BE062987, BE062994, N46789, AA573600, AA861306, BE062969, AW362631, AW605974, BE149710, AW856301, BE062984, AW815346, BE062971, AW291179, BF035605, AA934441, AW391292, AA852778, AW605970, BE150208, BE150206, BE150219, BE150223, AW379898, AK024693, AC002550, and AC003108.

HSDKL35	1141	886684	1 - 696	15 - 710	AI818580, AW165999, BF966995, AI768065, AW772317, AI083757, AI635849, AU136229, AA581468, AI479682, AW243083, BE787530, H29261, AV705689, BE560530, AA563853, T61913, BG024270, AW993660, BE502051, AA774784, AI744782, AW058478, AW020551, AI654542, AI741569, AI676141, N51579, N46425, T89040, BE501544, BE763449, AU125248, AU133344, T61976, AA364806, BF984083, AU119372, AW408761, BE892212, AU143116, R17137, AI750509, BF989178, BG151043, AV713621, BG111415, BF982532, AJ245620, AL161627, AJ245619, and AK022549.
HTLJA77	1142	886742	1 - 592	15 - 606	AU131960, AU141869, AU132498, AA985132, BE906767, AU122819, BE148801, BE148805, AW068669, BE148803, AW753657, BF366970, BE148802, AW068681, BG024670, AW407779, AW753658, BE246905, AU128794, BE260937, AF221521, AK022497, and AK023219.
HCFLJ17	1143	886761	1 - 437	15 - 451	AW891957, AW891952, BG117195, BE765355, AW812687, BE769043, AU118209, AA047345, AW363242, AF155096, AK021621, AF135439, and AF151059.
HNGKM7 4	1144	886937	1 - 976	15 - 990	AI344276, and AF015416.
HTTJQ27	1145	887007	1 - 1043	15 - 1057	AA522440, AI683658, AA527385, AW068809, AI567764, BF002029, AI962065, H61360, AV722214, BE182294, AI962103, BF917728, BF917779, AW795463, AA811386, AW188595, BF847694, BF733733, BF350083, BE706397, AW268067, AI567702, AA814782, AA504514, AI356470, AI564716, AI524608, AV757598, AW020095, AW151974, AA225339, AI678857, BG176805, H79905, AV758209, AV733470, AL040558, BE877326, AI446536, BF791384, AV715462, AW090429, BF525548, AI683486, AW845239, BE245162, AA420722, AI471909, BF797961, AI916720, AI440263, AA505147, AI811192, AW079432, AW086106, BE908921, AI307557, AL040277, BF904255, BF885000, AI819663, AW059828, AI249436, H89138, R41605, BE906210, BG180013, AI684265, AI366992, BG256880, AI148181, AW118382, AI564500, AW004896, AI174799, AI340627, AW025943, BE672647, AV733410, AI348854, AV721999, AI679472, AA176980, H42557, AV733402, BE906419, AI887775, BG031442, AL120056, BF726231, AW083572, AV659586, AI355147, AV659536, AV646196, AV744830, AI678395, AI349622, R75918, AW071417, AW194232, BG113847, AI334889, AI267379, AI690472, AI918408, AL353935, AK026105, AL137073, AF211175, AL137275, AK000653, AB049892, AL031984, AF116631, AL050024, AL137560, AF130075, AF161699, AK026353, AR050959, AL359615, AL110228, AK024538, AR022283, AY007109, AK026600, AF130059, Y10655, X61049, AF130066, Y10823, E12579, AL157483, AF111845, Y11254, AF287051, AR011880, AF113699, AF125948, AJ012288, U58996, AL080234, AK025113, AR083283, M79462, U72621, AK026647, AF097996, AK027129, X60786, I03321, AF119899, AL050277,

						AK025782, AB029066, AK027057, AK026556, AK026870, AF055917, AK027081, AK027111, S61953, AL137283, AK000212, AB034701, and II7767.
HBCBF11	1146	887008	1 - 719	15 - 733		BE898783, BE898366, BE745623, BE746523, BE898815, BE149918, BE149919, BF748844, BF334229, BF737607, and AF160477.
HFOYG86	1147	887019	1 - 558	15 - 572		AF190500.
HKGCJ92	1148	887027	1 - 1152	15 - 1166		H68654, BF334851, AI040942, H68655, H75859, AC002453, and AC000119.
HFPAB23	1149	887054	1 - 725	15 - 739		AA422028, W79191, AV722613, AB038664, and AB038663.
HWAGL92	1150	887056	1 - 895	15 - 909		AV714629, AV713569, AI829939, AV712849, AV655679, AA651825, W37382, N42191, AI188478, BF436405, AI672667, AI344390, W37646, AA845191, AA835036, AA831436, AA948467, BG231639, AI002523, AW191839, AW974584, AA704742, AA287646, AV733194, BE068227, BE068228, R95793, AV710658, AW191840, T62849, T90287, BE698353, AV712446, BE698342, R11179, R11180, AV717356, AA988042, AA999818, AI189929, AV711812, AI300829, R94937, AW196619, BE245236, T62699, AA886287, AA938191, BE930104, BF086200, AW089814, T82875, BE930088, BE245206, BF986915, BE930112, BE702411, BE702417, AW904277, AW904273, AV715293, R95749, AW904276, BE930116, AW904300, N74604, AW452299, BE702415, AA502473, AA480612, AA703157, AW857101, AW578857, AW861254, AV703471, AF309653, AF201951, and AB026043.
HADME31	1151	887280	1 - 901	15 - 915		AW974764, AV704568, AV703542, AV742732, AV703266, AV738340, AV727238, AV727468, AI376391, BF512797, AV726319, AV728459, AV653845, AW044644, AV706851, AV705416, AV728652, AV661744, AV705550, AV706734, AV703591, AV728425, AV727929, AV727017, AV706910, AV727052, AV763171, AV651897, AV764039, AA435896, AV729017, AV709932, AV707639, AV704660, AV707171, AV728471, AV656240, AV709356, AV707783, AV706741, AV658362, AV698270, AV709935, AV706425, AV727314, AV759156, AV706683, AV701611, AI306612, AV707794, AV704974, AV727029, AV706989, AV707451, AV762691, AV704116, AV702659, AV702071, AV709025, AV708320, AV729220, AV648619, AA824370, AV728436, AV703505, AV707420, AV728255, AV727103, AV753729, AV702787, AV702102, AV702498, AV729129, AV707948, AV705504, AA626315, AA991266, AV702738, AV650367, AV709407, AV728270, AV760693, AV761002, AV760134, AV726259, AV707088, AV705234, AV763669, AV726505, AV702354, AV702671, AV707589, AI192974, N78952, AV710454, AV706104, AV703012, AV708991, AV729892, AV762632, AV652156, AV701914, AV703417, AI401045, N78829, AV728715, AI077370, AV649758, AA448861, AV703388, AV702954, AV733245, AV727204, AV760359, AV727469, AV710043, AV699156, AV705263, AV703090, AV651503, AV725920, AV753856, AV702280, AV761525, W68342, AV701873, AV729886, AV733867, AV685688, AV706724, AV701586, AV726754, AV712942,

AV702854, AV651694, AV682997, AV708203, AV689597, AV687176, AV701874, AV682038, AV703972, AV702798, AV706223, AV701538, AV726559, AV701728, AV706882, AV763440, AV725088, AV761270, AV705299, AV702673, AV704592, AV726830, AV706992, AV706290, AV658332, AV727822, AV708347, AV709886, AV701496, AV724792, AV733476, AV704330, AV707640, AV708684, AV707029, AV704924, AV015595, AV012111, AV043992, AV735102, AV707268, AV704269, AA862620, AV647654, AV705024, AV728997, AV704590, AV681632, AV702984, AV708720, AV706527, AV702191, AV701183, AV725617, AV702187, AV763670, AV728289, AV734617, AV715252, AV701643, AV686417, AV702817, AV759410, AV729067, AV645778, AV656004, AV725386, AV725321, AV708809, AV682309, AV709273, AV686390, AV704865, AV704955, AV701706, AV705447, AV703515, AV651075, AV726681, AV702427, AV733583, AV702026, AV704954, AV702928, AV711410, AV703761, AV704611, AV705866, AV711705, AV706183, AV701717, AV703232, AV706067, AV726624, AV725031, AV733901, AV761919, AV733222, AV733247, AV707556, AV687342, AV729473, AV005929, AV687909, AV705343, AV98880, AV725497, AV710049, AV705814, AV707942, AV703086, AV726816, AV706889, AV725514, AV701410, AV702869, AV726520, AX020190, AR017907, AX035462, AR062871, AX026824, AX009712, AR062872, AR062873, AX035980, AX026823, I13349, AR088705, A20702, A20700, A43189, A43188, A84772, A84775, A84776, A84773, A84774, AR067731, AR067732, A58522, A91750, AX001322, AR093385, AX006816, AK026874, AX011024, A02712, AR096545, A18053, AR073846, A95051, AR080470, AR077142, I06859, AR095492, A23334, A75888, I70384, A18050, A60111, A23633, AR007512, AX047064, AX012337, AR043601, A91965, AR083151, A35537, A35536, A02136, A04664, A02135, A04663, AX003207, E13740, A11245, I60241, E12615, A02710, AX018504, I60242, AR035193, A07700, AX027811, AX027809, A13393, A13392, A92133, AX027813, AX030369, AX030368, AR027100, I66498, I66497, I66496, I28266, I66486, AX023553, AX027812, AX027810, AX023548, AX027816, AX027817, AX027818, AX027814, I21869, AR085082, AR085089, AR085091, A70040, I84554, I84553, AR085079, AR074365, AR085083, AX047062, I08051, AX047063, A10361, I19525, AX009487, AR079804, AX027925, AR091393, AX021518, A25909, A67220, D34614, X68127, AR025207, AR091537, AX008555, Y17188, A85396, I44681, A85477, AX042372, A86792, A44171, AR038855, I66495, I66494, I66487, AB012117, AR070327, A38214, I56772, I95540, M28262, AB037923, AX032758, AR074141, AR066482, I68636, AR035975, AR035977, I66485, AX026821, AR031374, AR031375, AX001325, AX001326, AX001323, AX001324, A85395, A58521, I18371, A60985, AR020969, A60990, A85476, AX020191, A91754, A62298, AR037157, AR008430, AX001082, AX006821, AX028305, AX006825, AX006826, AX006822,				
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HEGBA84	1152	887341	1 - 1366	15 - 1380	BE795116, BE271573, BE797521, BG034464, BE868536, BE888005, AI309632, AI871497, AW071945, AW071710, AI833136, AI826142, BE276212, AA779466, BE855429, AI221145, BF111027, BE671595, BE670909, AA983711, BE869191, AI740646, AI660193, AA527485, AI914402, BE312912, AI199300, AW373043, AI095109, AI291372, AA158003, AI051149, F33788, AA827477, AI305816, AA969173, W00496, AA478384, AA872414, AA022847, AA989225, AA402283, AA985546, AA453116, AA584289, AI222123, AA253421, BE818410, F25799, AI560418, AA974945, R89590, AA022736, AW779117, F35728, BG024398, R40072, AA424613, AA971926, T83116, AI350595, AA902803, R16205, T03864, AW238348, H55092, AA449980, AI749019, N72217, AA878050, BE794387, AA252882, BE265090, AI379511, AA158002, AL359401, AL359403, AL022237, T66664, and AA883936.
HWHPM7 4	1153	887540	1 - 1933	15 - 1947	AI591147, AI857959, AA939178, AI743474, AI142832, AI139314, BF889404, AW468680, BF353916, BE713183, AA875940, AA455949, BF353903, AW796506, BF353901, BF353909, AA025073, BF353912, AI242344, AA024977, BE713296, BE713294, AA583903, BE713292, BF353910, AW837836, BF912988, BF353897, AA455950, BF094861, AI214745, BF739348, and AA455558.
HHEEU21	1154	887582	1 - 2773	15 - 2787	AW851581, AW851582, AW575067, AW408124, BF108763, AW402723, AI445224, AW401768, AI445297, BE242910, AW973992, AW970913, AI476165, AW979058, AI719298, AW975210, AA282951, AI653493, AW518030, AI583106, AA535216, AW819125, BE242389, AI439525, AI811687, BF725761, AI609984, AW196288, BE138594, BF868994, AI610012, AA297666, AW504667, AA877992, AW028950, BE501670, BE301068, BG059972, AI609974, T71936, BF991208, BG010084, AW075729, BE206562, AA719433, AI345566, AI244157, AI356440, AI884383, AW163763, AW265393, AA604843, AW301771, AI281561, AW514868, AI053696, AI680547, AW779609, BF818852, AA559241, AP000338, AP000216, AP001760, AC004638, AI358777, AI121891, AC025572, AC024084, AF205588, AI136308, AI117336,

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HKLSC61	1155	887803	1 - 1219	15 - 1233	<p>AV737584, AV718844, AV738934, AL039924, AV701782, AV718018, AV731085, AL045794, AV745723, AV718002, AV745350, AV717989, AV743601, AV717988, AV742995, AV745724, AV701012, AV741012, AW013814, AV718016, AV746102, AV758878, AV700229, AV735727, AV745917, BF294063, BF508972, AV722801, AV701431, AV717956, AV701017, T02921, AV720464, AV701043, AV723927, AV740535, AV719000, AV718681, T24119, AV745488, AV743654, AV719568, T24112,</p>

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HEOMP62	1156	887943	1 - 740	15 - 754	AV763804, AV717615, AV646802, BE242761, AV689578, AV690953, AV684430, BF846122, AR022348, and AL137062.
HLJEB18	1157	888028	1 - 1828	15 - 1842	AI435089, AU139004, AV762851, BF975590, AV711462, AA152277, AI563927, AI382102, AW270023, AW955126, AV762634, AI467846, AV733342, AA033988, AA033989, BG057693, AI620361, AW207480, AI797408, AI418515, AI797697, AA845311, AI566274, AI688099, AI473928, R84727, BF438135, AI078266, N46794, AA613725, AU157852, H78669, H51535, AI680449, AI659378, AI458846, AV761643, AA037711, H78752, AI934787, AI708145, AI287836, AI248458, BE764440, R93260, R85684, AA809196, R23205, AA938447, W03706, H51534, AI682898, AA312249, AA150443, AA834013, AI682633, AA355905, AI719658, AA353723, AA044418, R23204, R93168, AW388102, AW388105, AA360884, N40936, AA894661, AI718154, N73946, BE764386, BF857694, AI637522, BF830177, AK002158, AC006479, and AL080068.
HAMFN18	1158	888042	1 - 446	15 - 460	AU125485, BE294650, BE883619, BE279451, BE781316, BE018534, and AK022680.
HWAEU20	1159	888047	1 - 1910	15 - 1924	AW864388, BF680896, BE777544, BE220848, AI982565, BE967606, BE042914,

AI215617, AA553540, R15953, T16890, Z44242, BF949835, AW864512, T74054, AL118801, H12178, F07097, R18709, Z45033, F12370, Z40201, T87220, F09990, H11649, R38421, F07708, R25057, R55771, F08333, R45396, F04558, R41971, R12850, AI863613, AW051331, F03377, Z40771, AA188521, AI699582, F04949, H97413, AI784055, AW510885, AW136105, AI697280, AW467042, AL042382, AL046385, AI690813, AL119399, AW080157, BF724894, AI364167, AL119511, AL079794, AW265004, AI288328, BE907663, AI559752, AL514511, AW972273, BF345598, AL514409, BF968666, BF997967, AI689096, AW827289, AI925164, BF868489, BE876976, AI683270, AI922597, AI342023, AI049669, AL513977, AI950729, AW198090, AI598017, BE538997, BG105381, AI359787, AL514359, AW194014, AI432532, AW087837, AI824357, AI860787, AL515413, N25033, AI370623, AW972279, BG033608, AI952306, AL513729, AI581139, AV750565, AI421662, AI568061, AI580027, BG167830, BE964206, AL513913, AI933574, AL514493, AI524179, AI610671, AI925281, AI499963, BE780955, AI628214, AL514721, AI341690, AI224373, AI538008, AL514015, AI917428, AI887163, AL515171, AI932794, BE729304, AI872154, AI267454, AI677646, BF811802, AI635528, AV682250, AI638644, AW084896, AI890907, AL514791, AW105429, AW081648, AI538850, BG111199, AL514357, AI583670, AI345415, BE965732, AW089844, BG029709, BF970652, AW020397, AW268221, AI446704, AW263796, AL514455, AW301974, AI049923, AL513693, AI357902, AL513863, AV682403, AI651609, AI612107, AI499570, AL109779, Y11587, U77594, X68249, AF267849, AL161964, AK025113, AK024992, AF047716, A77033, A77035, AL133084, AJ005870, AK000476, AK026038, X60769, AF232009, AL050366, AK000083, A32826, A30330, A32827, A30331, AL162002, AF155656, AF265236, U89906, AL359583, E12747, AF119899, AL122110, AF130105, AF002672, AK000653, X63162, AP001624, E12579, AK027204, AL117460, AK025258, AR050959, AK000718, AL389983, AK025099, AK025092, X84990, AB047627, AF102578, L10353, AL133559, X68560, X66862, AL133049, X63410, AP001746, AL050149, U62966, AF161406, U83980, AK024747, AL133072, AL117432, AB031064, AR083264, AK026630, AL137533, U79523, E12806, AF183393, AK025435, AL133608, AR081734, AF260436, AL133088, X99971, S71381, AF116688, AK027116, AF150103, A21625, AL117435, A60092, A60094, AF031572, AK026633, AF119336, AL117587, AL080154, I80062, AB007812, AF208850, AI8777, X81464, AC002471, Z35309, AR068753, AC005374, A91160, AK026570, AL080150, X93328, X67813, AF027180, S65585, L10376, AF000167, E12580, AL137271, AK026885, AL122100, AB044560, AK027260, AJ001838, AR068751, A65340, AB026995, AX047644, AL117626, AF143723, AF171061, AF141289, E01356, AR072729, AF103804, AK024855, AL137548, E08517, AF161517, AF090934, Y11254, AF065135, A76337, AR072149, A76335, E02349,					
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HDPBG11	1160	888121	1 - 722	15 - 736		AI242859, and AC007395.
HHFJI87	1161	888142	1 - 1361	15 - 1375		AI733116, AW246731, BE265237, AW269806, AI792758, AW151234, AW300887, AI732978, AI858701, AA829284, AI683053, AI635015, AI299543, AW250609, AW472814, R59291, AW770774, AA334511, AI287783, R59292, AA988639, AV754636, BE769047, and AA908718.
HWLEQ41	1162	888156	1 - 1193	15 - 1207		BF526942, BF036429, BF034330, BF035689, BG117306, BE906856, BE871642, X84712, BE958344, AW955111, BE729985, AV703538, BE271782, BE156569, BE568321, BF826293, BG250080, BF977502, AW579884, BF698225, BF512422, BF695706, AA587630, AV764128, AA448786, BF695587, BE878646, BE621432, H02682, H29948, AA186733, BF909586, AW405966, R22543, BE621946, BF813006, BF742389, AA327923, AW392393, AA311766, BF916201, BF742334, R70413, AV763358, AA477230, AW794624, AW674083, AW972521, AV719783, AV718844, AV720464, AV720731, AV742667, AV718692, D80219, AV724520, D80253, AV722801, AV742001, D80227, AW973447, D59275, D80240, AV701017, AV718489, D80210, AV701043, AV701248, D51423, AV700229, AV743601, AV699447, D80134, D59619, AV719000, AV744934, AV745080, D80391, AV721784, AV742720, AV701125, AV699927, D80193, AV700889, AV741012, AV718681, AV701431, AV701261, AV723927, AV701166, AV701154, AV745724, AV745831, AV745723, D80196, D51250, AV720812, AV701012, AV744768, AV701118, AV745369, AV701163, C14227, AV720607, AV744773, D80043, AV701443, AV740535, D59787, AV701428, D80949, D59927, AV701332, AV737584, AV720034, AV744771, AV720220, D80366, AV720203, AV744770, AV741888, AV701055, D80168, AV745488, AW798114, AV699479, AV701145, AV746385, AV701121, T11051, AV746335, AV745366, D50995, D81026, C14014, AV719822, AV723097, AV701149, AV701422, C75259, D80045, AV719568, AV701227, AV745392, AV746162, AV701344, AV699746, AV701231, AV701004, AV699669, AV701013, AV720211, AV738934, D59889, AV701021, AV720150, AV745853, AV719913, AV701357, AV743654, AV745621, AV745847, AV699550, AV699682, AV719324, D80022, AV745920, AV701151, AV742996, AV701419, D80038, AV745388, AV701335, AV701330, AV701130, D80195, AA579044, AV700895, AV745583, AW673871, AV742671, AV745490, D58283, AV718858, AV701415, D81030, AV745197, BE785222, AV743008, D80188, AA236039, AW959570, D51799, AV745190, AV718770, FI3647, AV721386, D80378, AV699321, AV718800, T03269, AV719468, AW978634, AV701224, AW949642, AI557751, AV701249, AL039150, AL038821, AL039085, AL043445, AV700159, AW965158, T23659, AV745411, AW949633, AW949641, D80212, AL043441, AW949632, AL039156, AV735727, AL039564, AL039538, AL039108,

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			1 - 1713	
			888174	
			1163	
			HTOIB37	

HTGBM16	1164	888244	1 - 1209	15 - 1223	BE794683, AI093703, AU122387, T60704, AW317078, W72667, BE315108, AK022405, AB046054, and AL137745. AL532435, BF982204, AW954882, AU129437, AU128567, AV762483, BG163621, AI472243, BF029298, BF928970, BF792897, BF382636, AA224260, AV763396, AV685015, AA811920, R83178, AV690415, BF247157, T78371, BF880776, AI589113, BF349100, AW806614, R92053, BF738124, H95413, BE839386, BE140130, AA317066, BF738125, AV734236, BF755193, AU131764, AV690306, AV691438, BE140120, BE257950, BE257566, BE708498, BE816729, BE816754, N77671, AW750960, AU150832, AI874176, AW854054, AL120391, AW977902, AW136392, AW978453, AA814901, BF831780, AI821170, AA598542, AI821742, AI732160, AI792085, AA830422, AA173479, BG116602, AA173478, AA179542, AA225175, AF098786, AF263468, AF165517, AK022929, AF165514, AL133216, AL133217, AF162767, AF162760, AF162763, AF162759, AF162762, AF162764, AL022395, AL353777, AC018698, AC005670, AL049835, AL133480, Z68226, AC005905, AY007256, AF080618, AL136168, Z97054, AL049840, AC018719, AC010527, AL161725, Z83849, AP000152, AL022336, AL023807, AC024168, AP001728, AC008474, D11117, AC005574, AC004985, AF162766, AC005621, AL356115, AL158198, AP001746, AC005911, AC005006, AC007482, AJ271736, AL132777, Y09980, AL118520, AC009509, AC010485, AC022392, U73634, AC005189, and AL359457.
HOUGB95	1165	888279	1 - 1235	15 - 1249	AW274757, BF979499, BE875104, AV728303, BF671975, AV727326, AW631495, BF983857, BF248008, BF115795, BF212520, AV717938, BF571136, AV728044, AA976644, BF679046, BF477635, AI907366, BF570689, AA903720, AW972361, AA524665, BE220972, AI984786, BF979139, AI692731, BF213370, AI907373, BE439966, AI268254, AI907368, H08416, BF700421, BF541919, AV705494, AW978976, AI332994, BF540780, BF247753, AI907374, AA826200, AA701660, AI656122, AI657191, BE763093, AA936326, BF572170, BF131794, BF195177, N79377, AV715209, AI950823, BF093269, N88408, BF439990, BE159589, AA772723, N86348, AA399432, BF575806, BF984268, AW206085, AI268253, AI421859, BF680498, AI916469, BF344634, AI420669, BF670000, AF126020, AC004839, and X78684.
HTELC21	1166	888321	1 - 441	15 - 455	AI979286, AA382595, AI688554, AW169944, and AF133424.
HTPGV36	1167	888376	1 - 2782	15 - 2796	AW957192, AL518866, AL537723, AL538417, AL537955, AL537724, AL518867, BE733072, BF569986, AL537433, BE300120, AI885820, BE734663, BE260057, AA633960, AI926998, AI802345, AA927508, AW149824, BF527901, BF314441, BE728596, BE730571, BE901579, BF530015, BE275381, BE312831, BF183087, BF525584, BE728483, AA601049, AI891105, BE274785, BG117812, BF569646, BE883284, BE908156, BG117992, BF314674, BE906311, BF312713, BE262443, AI827023, BE259921, BF311148, BF968011, BF310653, BE890420, BE312408,

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HFTDC58	1168	888528	1 - 666	15 - 680	AW504918, N55410, AV764120, BF317081, BE262267, and AL118584.
HMUAG3 0	1169	888542	1 - 1552	15 - 1566	Z78349, AL529424, BE730308, BF026445, BF570315, BE275116, BE735512, BF569803, BF569378, BF309514, AW083356, BE311512, BF570171, BE407247, BE379285, AA004344, BE257057, BF969821, BF312661, BE387991, BE250854, BE391217, AI633569, BE261810, BE300008, BF342184, AA983675, AW081073, AA677642, AL529397, AI025247, AW167494, BE264652, AI277832, R14202, AA553998, BE743555, AA769150, AL527265, AI243545, BF112125, AI589806, AI143257, AI369610, AA233340, BG024570, AI216387, AI628062, AI832982, AI083654, AI262346,

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HCBME31	1170	888903	1 - 1471	15 - 1485	AW385618, AW385612, AW385608, AI394057, AA031354, AW293177, AA031353, AA369669, AV734931, AI174266, AW627818, BF900467, AW403498, AW376414, AA157797, AW752757, AW376997, AW376921, AK024426, AF114491, AK024454, AC004262, and AC022149.
HPMGA51	1171	888905	1 - 1261	15 - 1275	AI540210, AW173208, AW006589, AV707182, AW104434, BE503183, AI148598, AI656207, AI350808, BE503507, AW297121, AW237250, AA918535, BF057772, AA918200, AW235193, AW083055, AI357673, BE503001, AI350807, AI200477, AI991567, AA953496, AI825590, AA738163, AW962712, N59298, AA369466, H71562, AA369367, AA369366, H71045, T48746, and H71557.
HDQDC13	1172	888998	1 - 763	15 - 777	AL519890, AL530619, AL519785, BE274414, BF685760, BF314544, AU141817, BF315915, BF206204, BG110149, BF315603, BF316650, BF314286, BE260773, BF206777, BE546840, BE273780, BE872127, BE903265, BE894906, AI372836, BF330511, R88656, BF737817, BF056687, BF345148, BF316669, BF982475, BE938228, BF510150, BF738723, BF370381, AW379072, BE778410, AK023930, and AK000679.
HLHF80	1173	889324	1 - 1396	15 - 1410	BE50593, AL044489, BF673743, AW965008, AU118745, AU158859, AV763174, AV759356, AV759711, AV760364, AV762900, AV762902, AV761309, AV759686, AV762779, AV759683, AV762001, AV759684, AW085751, AW963623, AI076616, AA126635, BF901147, AA481760, AL135698, BG110480, AW975169, AL534685, AV699423, BF346320, AV705998, BF701072, BF902636, BE675240, AV760760, BE300645, AW080062, AI952885, BE908602, AL048969, AW510513, AI745681, AI694178, AI679294, AW169183, AI679871, AA077232, BF673854, BG028665, BF732429, BE395467, AL041895, AW008212, AI204309, AA736713, AU118837, AI310464, BF516067, AL527073, AW600804, AA572983, AW970987, BE156097, AV762838, AW169057, AV707404, AV700498, BE206133, AA568303, W93858, AI457152, BF673911, AU130725, AA524604, AA113272, AV700654, BF589864, BE796439, AI871940, AA568311, AU153921, AL044458, AW470071, AW878019, AU119141, AL534817, AA189154, AA601230, BF844977, AV733139, AV762220, BG258140, AV699816, AW452415, BF509088, BF512453, AW514598, AI337011, AI650992, AA910985, AU119532, AA665449, AA493245, AA064983, AW965848, AI925321, AU119400, AW008089, AA788904, BE300070, AA568314, AA757426, BF978244, AW576374, AA908857, AA679794, AI732698, AI742282, BF814446,

					AV722075, BE147251, AA838140, F28204, AA243452, AW274830, BE062053, AA492584, AC000378, AC004166, AC004867, AC005484, AC005098, AC005291, AC006121, AL035422, AC008762, AC008745, U78027, AC005231, Z82215, AL118520, AC009247, AC003962, AC011534, AC004491, AC006208, AC005943, AC011453, AL109743, AL136179, AJ295844, AC027319, AC009464, AC011455, Z85987, AL035420, AL109797, AC005529, AC008892, AC005399, AL109825, AC004659, AC004605, AC009314, AL035086, AL162430, AC008733, AC007041, AC007283, AC005225, AC011495, AC005071, AL049759, AL117377, AC009086, AC010328, AC018720, AL121601, Z86090, Z83844, AC005488, AL034420, AP001728, AC009194, AC015651, AC010150, AL157838, AP001753, AC002316, AC020898, AC005736, AC010326, AC020552, AC005829, AC007052, AC011479, AL050349, AC006014, AC016637, AL050328, AF064861, AL391259, AC007546, AC007842, AL133448, AC003108, AC005971, AC010422, AC004887, AL121751, AC004824, AC004209, Z98946, AL354864, AL096791, AD000092, AC004878, AL035089, AL353653, AF152365, AF001549, AC009244, AL136418, AC005921, AL050335, AL022721, AL009181, AF165926, AL139100, AC004876, AL033529, AC010519, AC008752, AL031670, AL133551, AL353804, AX039602, Z93017, AF111168, AC005696, AL163279, AF312915, AC022517, Z83840, AF001552, AC005046, AC008403, AJ251973, AC008736, AL034379, AL022311, AC025588, AC002470, AL008582, AC007161, AL031311, AC005412, AB014077, AC007899, AC006483, AC005527, AC006111, AC008764, AC005913, AC004150, U82828, AC008392, AL023575, AC007954, AC011811, AC011475, AC002347, AL133545, AC010789, AC010329, AL163201, AL080243, AC007685, Z98742, AL356354, AC011484, AL109935, U52111, AC007371, AF235097, AL022316, AL391833, AC006064, AC011450, AC005730, AC007956, AL034405, AC004000, AC005004, AC002394, AC005537, AC025435, AP001631, Z99716, AL365505, U47924, AC010618, AC007151, AL163300, Z93015, AL034548, AC005839, AL159977, AL034380, AC024561, U91323, AC011444, AC000025, AC005697, Z93244, AL049569, AC005914, AC007226, AP001712, AC002126, AL356299, AC011510, AC004699, AL034417, AC005082, AL031680, AC008569, AC005940, AC007055, AL132653, AL008718, AL031286, AC005725, AF168787, AC009516, AL355499, AP001711, AF243527, AL021707, AC005037, AL136137, AL031228, AL132775, AC005236, AF069291, AL078477, AC011490, AC004955, AL138787, AC007536, AL035249, AL445669, AP000692, AL109952, AP000011, L78833, AL353802, AC003101, AC004846, AC003013, AL133288, AL356801, AC008598, AC008267, AL078461, AC006449, AL109963, U95739, AC005522, AC007383, AF149773, AL117381, AL034429, AF124523, AC005284, Z98200, AP000553, and Z38485.
HSLKC45	1174	889371	1 - 1798	15 - 1812	AL521519, AL521520, BE856341, BE382416, AW593251, BG118882, BF446027,

AI147915, AA447940, AI049628, AI765714, BE464518, AI073853, AI199948, BF087492, BF436143, AA384314, AW192166, BF923368, AI572772, AI420998, BF592837, BF591215, BF950895, AV743962, AV741327, AI633125, AI802542, AI815232, BF812960, AW051258, BF970652, AI677796, AI524671, BF812938, AI619502, AW026882, AI611738, AI889376, AL045500, AI433157, AI702073, BF812961, AI571909, AI921248, AI632408, AI564719, AI587114, AI537677, BE964495, BE047852, BG249582, AW169671, AI926790, BG058398, AV760409, AL514579, AL119863, AI476478, BE047737, BF812426, AV729649, AI890833, AI702068, AI886753, AI269862, AI468872, AI690426, AV735353, AI439745, BF792961, BG027280, AI922901, AW020561, BE910373, AL047041, AI637584, AI933589, AI696612, AW073865, AI620284, BE965121, AW131282, AW193911, AI934011, AI284131, AW073270, BF526020, AI690585, BG253412, AI828682, AI537024, AI432656, BF856017, AW104724, AI269205, AW088903, AI431975, AI569583, AI624206, BF814412, AI281772, AI620003, AV734916, BF344691, BG255333, AW081036, AW150453, BG029667, AI559296, BG181066, AW104827, AL514357, BF343568, AI306613, AI862144, AW081255, AI284509, AW190042, AW088134, AI567940, AW132056, BG036846, AI862139, BF339322, AI281762, AI634737, AI567935, AI432085, AL513807, AW080327, AI280521, AL036631, AI280637, AW090071, AI499285, BG179993, AI624548, AI457369, AI247293, AI819326, AI783504, AI567846, AI955917, AI636588, AW673679, AI648509, AI625079, BF868489, AI679321, AW129659, AI670009, AI538085, AI271786, AI687127, AI287326, AW078529, BF725868, AI687362, AI934259, AL038645, AA806720, BF727091, AW149311, BG031815, AI610690, AW075667, BF924869, AI539771, AI446373, AW148408, AW087160, AI610307, AI536638, N33175, AI435641, AI254731, AV757455, AI445025, AI633297, BG180996, AW198090, AA835801, AI537303, AW148536, AL513577, AW193530, AI627988, AI871697, AI591075, AV652443, AI682971, AL514701, AI469532, AV682345, AI799273, AW235482, AI866801, AI687728, AW238730, AI648454, AL514799, AI583065, AL514731, AI567128, AI590120, AI671679, AW148363, BF724198, BF969494, AI440239, AI521560, AW087207, AI635461, AI679174, AL514867, BG108288, AI874261, AI432969, AI609589, AV757622, AI654276, AI570009, AL513937, AW002362, AI590227, AW166903, AW827289, AI284084, BF856052, AI697321, AI631273, AI610799, AI538259, AW167228, AI702406, AI570909, BE789764, BF816042, AI863241, AL036274, AW118518, AI445432, AI174394, BG257535, AW086113, AI286256, AI634751, AI250293, AF093673, AP001672, I89947, AK026532, I48978, AF119909, A08916, AL162083, AF183393, A08913, AK025339, AL049314, AF314091, AF090903, AK024538, AK026744, AI353940, I89931, I48979, AL389982, AR087170, AK026542, Z82022, AL050149, AL050138, A65341, AF130105, AF116639,				
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H0GBN93	1175	889792	1 - 633	15 - 647

HTPHE46	1176	889999	1 - 1993	15 - 2007	AW963999, BE785673, AW961199, BF037119, BF036638, BG030580, BF033837, BF036149, AW851261, AW377122, AW377125, BG166746, BF665294, BG030507, BF699078, AW850925, AW752845, BF085620, AA405940, BF667082, AW851052, BG121547, AW752835, BF700054, BF667787, AV692286, AI924880, AW752844, BF698625, BF244588, BF698345, BE042841, BE739116, AW850982, BF695890, AW752868, BF130660, AW630835, BF514638, BF697211, BE612726, AW851056, AI621153, N78154, AI538061, AW938593, AW38596, BE817020, AV660141, BE093579, BF697582, BE868472, BF241480, R66206, AA403241, AA313513, R58698, AA307010, H42631, BF697524, BE089877, BF334107, BF668201, BF154792, BF699154, BF695458, R64487, BE958619, BF665913, BF700919, BF699860, BF697149, R94825, BF665805, R92884, BF701466, AA377208, BF813323, BE613316, T73957, BF666583, AI800939, N78160, BF701778, AI800807, AA095925, BF750358, BE867141, BF750357, T73948, BE148612, BF667321, N88292, R68027, AA403153, AV660091, AW440250, BE739453, AR028555, AF257182, AF061443, AX016195, AX016184, and AR028556.
HTXQU08	1177	890638	1 - 1104	15 - 1118	BG104817, BE169142, BF368869, BE146728, AA368799, BF885441, BE151289, BE146707, AA382342, BE146730, BE265138, BE151628, AA320555, AI674193, BE141731, BE151627, AA188505, AA190860, and AL162742.
HE8MU78	1178	890664	1 - 1303	15 - 1317	AW959797, AV728780, AV728827, AV727781, AI743870, AI802922, AI761918, AA722178, AI797752, AA298366, AW117481, AA452119, W22117, AA716035, AA702392, AA296915, AA298194, AA716067, H53444, AA298305, AA298376, AA298395, AA298310, AA298328, AA757350, AA298323, AA298318, AA298308, AA298392, AA298301, AA297317, AI193267, AA298315, H92024, AA298384, AA298317, AA298382, AA298367, AA298309, AA298329, AA298372, AA298300, AA298298, AA758427, AA298377, AA298390, AA298375, AA298332, AA298357, AA298385, AI183922, AA298327, H53445, AA298331, AA704392, AA298185, AA298306, AA298389, AA298371, AI572265, AA298187, AA298378, AA702386, and AF225421.
HTNBJ17	1179	890703	1 - 868	15 - 882	AA448535, AW505127, AA447553, H83357, AW958976, AW854039, AW500945, AW501155, AW368595, AW368558, AW368566, AA385034, BE867373, AW368567, AW806465, AW505139, H83705, AI473783, AI696010, AW731913, AU146942, AA494449, and AW969437.
HTTJZ84	1180	890714	1 - 1548	15 - 1562	AI769914, AW963415, BE464487, AI972156, AV694791, AW662445, BE891653, BE275818, BG026631, BE904632, AU147968, BE740866, BE274434, AI042283, BE893504, AW192475, AA639414, AI074186, AA232646, BG057227, BE145317, BE273426, AA081127, AA372241, AA081152, AA232791, AA026479, D31133, W63556, BG104264, BF840127, AW016704, AU134361, BE728564, AI873962, BE727208, AA372249, AU122376, AI341901, BG112624, BF930311, BF915954, BF748455,

						AW581387, AA026251, AF238083, AK022402, AK023393, AF266756, AJ245504, AF200328, and AB046025.
HL YBD96	1181	890826	1 - 1577	15 - 1591		AW850656, AW850376, AI090920, AW295791, AI655538, AI656746, AW850351, AR092425, and AR075038.
HD PPI68	1182	891362	1 - 1983	15 - 1997		AV726718, BG105176, AW665624, AI742860, AI684488, AI743865, BE502795, BF448409, AV726997, AV727521, BG110230, AW139201, AI830855, BE391653, AI951736, BF690950, BF667359, AW001024, AA506326, AA534813, BF057313, AW104461, BF309133, AI027515, AI832138, AA632305, AI075975, AW264382, AI765298, AI916615, BE467181, AW629785, AW339330, AW770652, AW271665, BF109563, BE045378, BF437560, AI498930, BF238687, AI674704, AI744434, AW445202, AA461020, AI375366, BE328796, N32858, AI762768, BE564498, AI493805, AI769731, BF195532, BF195878, AI221557, BF055003, AA704860, AW613354, AW958391, AA805922, AW403867, AW293887, AW663715, BF063045, AW297421, AI338107, BF432885, W63796, AA282146, AI332911, AA236412, AI589139, AI358154, AI307740, AA574239, AI185807, AI206065, AA152264, AI750848, AA055977, AI935745, BF356407, AW297963, AW263849, BF440006, BE960843, AA460672, AW007798, AI376438, AI288093, AW339790, AW341374, AI697395, AI127710, AW339830, BF666768, AW815062, AW779605, BE551655, AI864464, BF591989, AI373051, AI311011, AI197796, AA150096, AA460492, AA421377, AA150024, AW815043, AW023782, AA503235, AI864520, N26428, AI302362, AI671309, N25870, AI915397, AI129146, AV725905, AI129875, AA810074, AA969088, AI701833, AI221935, BE168418, AI200556, AA045920, AA814475, AA243545, AI335777, BF339291, AA773228, AI637509, AA056005, AA379786, AA281199, AA236413, AA704148, AA742998, AW472984, AA989594, AA757284, AI699051, AA150202, AA721438, AI424201, AA311834, AA493762, AI758112, BF368400, AA304273, AI146404, AA707047, AI092370, AI640858, H99323, AA378447, AI424771, T79005, AW592197, BF335057, AA810050, BE873111, AA372918, AA016198, N46657, BF368398, AI500105, AI671397, AI194062, AI536605, AI869868, AW958235, AV727014, BF348954, AW401532, AW207149, N34928, AW779295, AI660740, H87391, AI014388, AW135393, AI479036, AI750849, AW206947, AW013928, AI783906, AI762592, R83259, AI394277, AW467087, BE855414, BE676577, AI057048, AI250837, BF000307, AI128464, AA256653, AI394359, AI804373, AI081234, AW512867, AI937653, AA568630, AA367807, AA745908, AI337001, AA622150, AI659163, T79006, BF063130, AI684792, AA809776, AI365457, AI383806, AW589938, AI696113, AI559832, AW471221, AI440535, AI475511, BE675237, BE675088, AI475700, BE675567, AI911779, AA907043, AI660130, AW082357, AW303616, BE674876, BE676264, AI343488, AI804085, BE646477, AA765143, AI380364, AW135920,

HTTJT40	1183	891742	1 - 870	15 - 884	AI475521, AI480278, AI004283, BE675583, AA639734, BF970623, AA954051, AA046156, AI220459, AI914648, AF183409, AK026163, AF220188, AK027162, M23568, AF146793, AA461062, AA281742, AA468355, and AA714044.
					BE786389, AL524590, BE744597, BE796190, AL529705, BF132076, BF794982, AU126873, BE740216, BE545432, BE544763, BE563799, BF343738, AA437204, BE09841, AA143152, AA132651, AW327686, BE379142, BE537412, AL519840, AL519839, AW958434, AW367012, BG024936, AA296971, AA161263, AW352289, H18393, AA354603, AI268931, AW352287, AW352294, AA218538, BG117991, BF541758, Z45742, AA298844, BE907873, BE762990, BE142815, AV712240, AA335199, W24000, W22670, AL043167, AA604374, W30793, AA969047, AK001341, AF201931, and AL137878.
HETDR50	1184	891862	1 - 809	15 - 823	BE888920, BE613469, BF691244, BF541972, R61661, BF761565, BF132694, AA449366, H17381, BF692642, AW297863, BF791021, AA361462, T82691, AW965438, AA576960, W38607, AA361472, R82425, AW936501, AA332605, R14278, AW370234, BE693257, AL032821, and AB048916.
HSLFZ79	1185	892016	1 - 1687	15 - 1701	AR025382.
HDQGN46	1186	892018	1 - 3784	15 - 3798	AI393580, BE041810, AI867153, AI307279, BE568549, AX047952, AX047936, and AX047940.
HDPRH64	1187	892038	1 - 1383	15 - 1397	BE622439, BE275138, BE727237, BE743318, BE274232, BE275932, N32639, W79004, BE938428, AW752949, BF894173, N23973, BF996380, W39098, H84042, BF995847, BG001597, T80404, N31874, AW382936, BF091921, AI866294, BF991954, N26363, BF092044, BF991949, AW366391, BF155169, AW352245, BF858935, AA019178, BF997445, BG002361, BF989649, BF997813, BF995844, N44252, AI669594, N46160, AI628090, W04589, AF171669, Y18483, AL365345, AF135830, AF135829, AL365344, AF170106, AF171668, Y19022, AB024400, AL117258, AF135828, AL365343, AL365342, and AL365347.
HPIAN49	1188	892164	1 - 1586	15 - 1600	T20230, and AC025152.
HDPPVB49	1189	892654	1 - 1363	15 - 1377	AV705593, AI734250, AI668650, BF336859, W19504, AA954742, AA587982, AI269111, N89910, D81850, AB020687, AB026256, and AL117465.
HPICP79	1190	892826	1 - 1308	15 - 1322	BE963718, AU140229, BF195683, W55896, W55856, AI033991, AI581098, AW068238, R76895, R86326, AW362820, BE242802, BF375214, R77060, AW814923, AI028412, BE728400, AI220844, AA862718, AW814889, AW515266, AA728770, AA040365, BE779429, AA040364, BE839008, AW814621, T94138, D42044, AL035413, and AI219616.
HHEVKS9	1191	893348	1 - 1540	15 - 1554	AV718192, BG028035, BG112695, AI279076, BE504911, BE855877, BE221748, AI638325, AI126701, AI922112, AW204097, BF002330, BF111180, BF340921, AI521204, AI333218, AI522135, AW051594, AI765779, AI354466, AA278236,

						<p>BG166373, AW967019, AA278694, BE550923, AW379580, AI761991, AW379553, AI434405, AA287839, BF344553, AI220818, AW362390, AW379559, BF433267, H97546, AW119222, AW014382, AA287838, AW272655, AA476472, AI473899, AI992102, AW663703, AW753675, AW131628, AW954448, BE219754, W17375, AW379546, AI189155, AW379597, BF223718, H81777, AI521375, AA135802, AA262902, AW515886, AA253261, AI367269, AW753672, N90146, AI863944, AA135801, AW379591, AA112662, AI123840, AA404601, AI290339, N26091, AA487696, AI393797, AI036454, AA481864, AA806571, H44301, AW753674, R93281, AA487480, AW888890, R59717, AI632397, BF339653, H02134, BE671819, AI263490, BF197195, BE693264, AA253137, BE693230, BE062260, T35817, AA668517, BE693270, BE693263, AI370744, BE693265, BG114046, AA665919, BE693277, AA476473, BE693251, BF092302, BE693273, AW193569, R33141, AA328070, BE693240, AA112661, R33293, R86017, BE693269, BF341883, BE693234, Z40988, R93187, R09939, BG120190, BE693268, AV748001, BE693245, AW731964, BF330643, BF433924, AI701567, BE693239, AI290702, BF154953, AA330025, AW243711, AW362380, AC016656, AC016652, and AC010352.</p>
HMKAK6 1	1192	893374	1 - 1254	15 - 1268		<p>AL522852, AL515470, AL526281, AL522851, AU132828, BF792241, BG114903, BE793764, BE614630, BF344242, BF797460, BF310803, BE889526, BG259950, BE781334, BE514473, BE789972, AL526241, BF448706, BF306412, BE279992, BG116807, BF344363, BE298122, AW249532, AI813508, AI823915, AA533883, AI342400, BG179516, BE265417, N37069, BG107926, AU154282, BF669342, AW245570, AA121653, AA568252, AA532823, AW473726, AW250296, BF060688, AI150772, BF700779, AI677789, AA947519, AI688701, N27680, AI037990, AI143732, AI016445, AA639295, AI083663, AA621146, AI565693, AA132974, N20843, AA308334, AA831223, AA918001, AW245927, BF678437, AI368438, AA057158, AA325066, AI078660, N46383, BE973562, N75480, F36772, AA064652, AA602087, F28422, AW083290, W46636, AI673324, AA564277, AA056990, AA602067, AI685603, AA195380, BE539830, F32570, AA064694, AA862954, N28455, F20800, AI688690, AA502303, BF246734, BF437450, R72258, T82852, BE613763, AA373896, AA741294, AV738024, AA635261, W05290, AW611802, AW083609, AI056552, BE833238, AA627771, AI032312, AI480060, W46683, AA057865, AI953435, N30051, BF593218, AA133055, BG112781, H25271, AI423931, AI265981, BF379808, AA421701, AA708457, AA670135, AA303384, AA056931, T77227, AW840938, BG114622, AW058031, AW360851, AW753069, AW373878, T99440, AK001659, AF257466, AB041263, AL137073, and AF161387.</p>
HWADM6 5	1193	893492	1 - 795	15 - 809		<p>BE397210, BE857970, AI684361, AW027022, AI654407, AA402142, AW575558, AI924373, AI452970, AI972041, AI813282, AI802088, AA810774, AW373797,</p>

						AI246047, AI863646, AW779318, AI092347, AA883596, AA262757, AI088273, BF507634, AW575622, AW406417, AA383827, AA384488, AW966474, AW404076, R91640, AA491421, BF826475, AA453656, BF901027, AA588769, AA490088, AW296358, BE676193, AW975780, T57786, BF057554, and AL137623.
HLQFF81	1194	893535	1 - 716	15 - 730		BF819760, AF193807, and AF193808.
HDPIG80	1195	893789	1 - 880	15 - 894		AL523339, AL533433, AL523656, AL522465, AL526455, BE562900, BE735184, BF337632, AL526176, AL520874, BE797269, AL530093, BF342490, AL530380, BF344330, BF309156, BE735989, BE397771, BG252820, BF032466, BG257985, BG104721, BE893629, BF206486, BF796886, BE256735, BF311298, BE261742, BE258582, BE264109, BE785480, AL530864, BE206819, BE384894, BE276164, BE397750, BE392626, BF207123, BF312350, AA232171, AW959763, BE048057, BF725110, AL525296, AL522464, AA296468, AL526414, AL526331, BE926389, AL533389, AA352389, N55872, AA301453, BF314033, AL521417, BE924996, AL521416, BE937625, BF794720, BF315809, H01676, AA292746, AA496400, AA427485, AA477724, AA610640, BE242228, AL524355, AL524354, BE504399, BF036463, AI554612, and AC004150.
HOELW53	1196	893798	1 - 1935	15 - 1949		AL514858, AL526558, AL526504, AL527976, BE747130, AL527977, BG025328, BF981832, BG251098, BE893035, BG120208, BF037986, AA127629, BG116095, AV756005, BF337754, BE903609, AW957722, BF000345, BE907226, BE222397, AA121531, AW327517, AA121524, AA127621, BF528462, BG231815, AI310156, AI885185, BF382067, AI653011, AI816920, BF726556, BF196680, BF059268, AI917727, BF665058, AI492163, AA058429, AI703500, N94375, AW952799, AL042115, AA522819, AI393275, AI633828, AA447649, AI129541, AI569654, BF058861, BF035607, AI554669, AI199561, BE466167, BE467836, AI597911, BG231643, AI146460, AI769369, AI955872, AI651857, AI127476, AL514857, AV717137, HI5332, AI950367, AW468274, AA101965, AI422804, AI342065, AI422130, BF382605, AA780184, AI871310, AI637864, AA694161, W69776, AA290675, BF541725, AI635393, N36538, AW016914, AW006534, AI990389, BF038419, W94341, AI289096, BF437625, AI634575, AA449346, AL047918, AI289186, AW352206, AI631814, T33895, AI336104, AI424274, AI052494, AI128384, AA722755, AA447041, AA602552, BF813945, AI422522, AI040930, AI206504, AW590779, W69815, AW327573, N92885, AI801837, BE903562, BF092265, AA758972, W88501, R79538, AA868142, T31813, AI611065, AI459447, AI659739, AI969469, T56923, AA352595, AA443656, BF941829, AA486658, AI685615, AA886726, BG055808, AV693706, AI002067, BF934511, AW518815, BF939332, AA609306, AA056750, AA099632, AI129170, AA449605, W94371, AA815345, BF813939, AA351880, AI000931, AW235150, AW183661, AI221619, W88602, AW025692, AI186632, AA835539, AW580950, AV735997, W25565, AI198123, RI4227,

					R85624, AA339237, T56924, Z46193, AL047917, BG118168, BE208337, R40646, BE645348, N41512, T32911, AA214738, Z41816, AV714154, BE716957, AA486561, AA291082, AI802221, AA448053, AA999697, H15715, T39692, AI699002, AI612836, AW196460, BF446192, AI005381, AA722994, AW235727, AI203197, AI632619, AA703990, AI597695, AI685664, AI971096, AA678759, AI364856, BE708514, AA425266, BE206482, and AX041036.
HUSID53	1197	893863	1 - 382	15 - 396	AA323316.
HDPFZ30	1198	894151	1 - 1660	15 - 1674	BE620775, BE745235, BF791803, BE620232, BE964598, AA582196, BF238228, BF110281, AI690196, AW207633, AI417381, BE502565, AI494563, BE874106, H15131, BE312666, AI220943, AW055140, AI963799, N54913, AW008673, AI680222, H04038, AI000592, AA385773, H03355, AW374840, AI014381, H15190, Z41172, BF690487, AW374989, BE260443, F08100, AA348883, N88565, AI924734, T03532, BF314047, and AA348882.
HE8CW35	1199	894153	1 - 541	15 - 555	AA502479, BE783119, BF205883, BE278328, BE531125, BE563405, BE616754, W22934, BE616534, AL110464, AL535343, BE615910, BE535231, BF203563, BE734195, AI879268, BF844380, AW674108, BG034388, AV750279, BE297516, BF799458, BF950746, BF724141, AV694488, AA328041, AI308516, AW844703, AV749733, BF592677, BF592216, BF896772, BF928433, AA626097, AA149421, BF359447, BF887770, BF679018, AL035214, AK024827, Z73965, AX013785, and AX015380.
HE9SE46	1200	894178	1 - 2109	15 - 2123	AA195155, AI268255, AW419341, AI824127, BF195090, AV721477, AI797143, BF223983, AI300923, BE891790, BE673738, AI292148, AI703401, BE549679, BG169264, AI268439, BF110064, AI292153, AW137704, AV750719, AI831208, R35403, AW470282, AW137395, AI379414, AI379109, BE468205, AI277432, AA057594, AI432198, AW614513, AI300400, AI300976, AI300968, AW138254, AA862254, AA978306, AA136742, AA187853, AA411758, AV751833, AW139302, AA418285, AI697655, AA136133, W44727, BF224184, AI299234, AW135673, AA933000, AW965235, AW581958, BE842466, AA195026, AW134622, AW810397, AI336837, AI214619, BE842499, AW388217, AA406572, AI342824, AW388179, BF223729, AW959525, BE842411, AV753167, AW810395, AW810396, BE842376, BE842464, AW810381, AI222659, AW589992, AI378218, AW370464, AA878171, BE842443, BE842493, BE552384, AA825160, AW810541, R25577, AI871540, BE842477, AW388239, AA985538, AW609142, BE710395, BF732761, AI468745, AW206391, T10355, BE842495, AA424539, T75128, AA418322, BE842491, R05548, AA976873, AA363106, F11165, H09479, BF957929, AA114288, AW609162, AW837249, F12796, AA346579, AA112328, BG028208, AA917973, BE904971, AI532622, Z42588, AW810525, R18424, AW609160, AA424606, AW837458, AW810478, AA781256,

HBHMH72	1201	894186	1 - 1983	15 - 1997	AA625611, A1633662, AW609146, AA331566, BF957928, N90086, AA055551, BF184500, C18803, A1695403, A1741622, BF211339, BF368989, AW378385, BG036671, AA995638, N63577, BG255192, F05973, BE544637, BF001497, AA455944, BF736576, AA190723, AA904239, BE842396, AA436288, A1752009, BF960774, and A1305270. AL526652, BF310026, BE613821, BE539920, AW361819, AW390492, BF238070, AL530148, W05791, AA307647, AW363142, BE264546, AA375937, BE746397, BE858835, A1340103, AW853066, AA443913, BE727962, BF439977, AA004781, AW604651, BE388405, AA085536, BE387740, BE277503, R73209, A1057311, A1523929, A1096821, AA708631, AA554166, A1819985, BE390457, A1033059, AA677104, A1034382, AA167642, AA042807, T91681, BE813862, AA146993, C17892, N21021, AA146992, R11508, AA693826, AA098840, BE677840, AA781113, H14605, N75055, BE207815, N39974, T93806, AA324904, A1921466, A1249094, AA879127, AA629845, AW467450, AA043028, Z40216, AV727291, C16676, AW572863, AA765511, A1085423, AW190192, R18096, A1032969, AA533746, AA102037, T79644, AW189748, BE694734, R07352, BE819494, AA102036, C17327, R73144, AA864509, AA360980, AA627628, H14900, BF332775, AA444096, BE966199, H39676, AW895122, T79730, R10432, R42990, AA082086, AA322631, AA777383, T93857, R07402, BE019034, BF306819, AW377154, AW377153, T93283, AA908729, BF913752, BG036121, BE839074, Z21286, AA248773, and BF747833.
HWAHAI 1	1202	894203	1 - 1243	15 - 1257	AL528672, AL528671, BE740519, BG179875, BE876837, BE409722, BF125146, BE384347, BE905434, AA480075, BE736786, BE385086, BE386983, A1708432, AA77273, BE909934, BF901579, AA455206, AA362335, AA427548, AA969968, AA421632, AW104489, A1799353, BE275509, A1078240, AA454864, A1129255, AW955562, AA427707, A1310388, BE743523, AW170140, AW089692, AA903911, AA362336, BF813903, R72751, R72760, AA554328, AA483784, R48745, A1197789, AA304308, AA320293, AA491393, BF541788, AW591924, AA360465, AW839762, BF818256, BE622335, AA143722, AW591933, BF927574, BE071386, BF754668, BE622797, BE071396, BE967257, BE243667, BE071302, D20583, BE729081, BE093883, AL134524, AW877209, AL119324, AL119399, AL119457, AL119443, BE695785, AW804686, BE705903, BE705906, AW392670, AW971745, BE705905, AL042980, A1142132, AW861944, BE705904, AW372827, AW577135, AW604723, AW363220, AW384394, AW861889, AW858455, AW858526, AW858525, AL119396, AL119439, AL119391, AL119497, AL119496, AL119319, BF868697, U46347, AL119484, U46346, U46350, U46351, U46349, Z99396, AL134527, AL134538, AL119363, AL119444, AL119355, AL119483, BF868687, AL134529, A1142134, BF868684, AW604726, AL039912, AL042614, AL043037, AL037205, U46345, AL046356, AL045891, AX041029, AF188504, AR066494, AX030435, AJ251859, AX046357, AR060234,

HLW/AH05	1203	894289	1 - 1489	15 - 1503	AB026436, AR069079, AR043113, AR054110, A81671, and AJ279014. BE737155, BE737200, BE737154, BE866876, BG030094, BF769507, N62033, BF769436, N28254, BF083722, AA402099, BF204142, AW272174, BF844006, BF988097, AW582661, BF347767, BF764756, AA806140, H55465, AI905355, AW609986, AK024971, X87671, Z83844, and AL157480.
HUJCH47	1204	894599	1 - 1692	15 - 1706	AUI133334, AI743592, AUI42211, BE644960, AA888111, BF332597, BF983982, BF885783, BE772949, AW408701, T83134, AI559676, BF960005, BG258450, BF932122, BE542412, BE929173, AK023281, and AB042827.
HDPC184	1205	894601	1 - 2523	15 - 2537	BG031862, AV723684, BE644830, BE867439, AI761602, BG121490, AUI139447, BE885715, AW138181, AI627710, BF127860, BE501862, AW299637, AA771960, BF972386, AW157785, BE502302, AI332585, BF061452, AI337078, BG028779, AI952467, AW612901, AW291847, AW264739, AW271986, AA632905, AW136299, BG114008, AW936433, AW361800, AI961399, AW072249, BE892069, AA490588, N22224, AI799104, AA972394, BE242460, AL120702, BE874535, BF431069, BF857462, AA152338, AA452888, AI623936, BE221570, AI695948, AW956081, AW772146, BF825674, BF809802, AW887420, BF219241, AA336028, BE870418, BE828337, BG058419, BF840979, BF811056, R07977, AI783545, BF811055, AI702336, AW793374, C02092, AI801100, and AK002195.
HCRPU72	1206	894605	1 - 931	15 - 945	AW593014, N63575, AA830104, AW573104, AA832249, AA926917, BF925264, N94831, AA913055, AW978747, N90222, AA806195, AW674067, AA374666, AW963725, D87717, and Z55137.
HFTCG52	1207	894736	1 - 710	15 - 724	BF970515, BE314050, AV752768, AI908551, AI908565, BF125809, AW856249, BE408359, AV745547, BE889078, BF034352, BF663499, AW955529, BE264972, BE099920, BF183040, AW407316, AA393178, BE782529, AA485512, BE904868, BF680573, BE262322, H42954, BE910261, BE252952, AV688973, AA411585, N36051, BF206350, BF343862, AA477803, N79656, H93834, AA296976, D81930, AI910113, AA296690, BF116109, N33866, AA143285, AA082648, AA298311, AW276772, AA296812, AW473105, BF764144, AA298404, AA045562, BF056595, AI031665, AI066608, AW001391, AI290747, N88797, W21048, AA297564, AI186832, AI147480, AI084670, BG167518, AI140421, AI720871, AA557594, AA303056, AA854174, AI279073, AA814458, AA968894, AA512969, N95220, AI281075, AA305827, AI741421, R97588, AW874059, AI033995, AA411457, AW956361, AI950072, AA297445, BF673964, AI191381, AA298307, AI280176, AI682083, AI434953, AI310485, AI061395, AI937180, AI027471, AA954913, AW602659, AI884439, AI246055, AW196298, AA477804, AI568461, AV728317, AA402550, AW002095, N63979, N25183, AI418957, AA502177, AW366028, AI869942, AA857556, BE827119, AX018175, AX018068, and AC005922.

HBINP48	1208	894737	1 - 630	15 - 644	BE904868, BE252952, BE889078, BF034352, BE782529, BE408359, BE264972, BF663499, BF125809, BF970515, BE909920, AA411585, BF206350, BF680573, BE910261, BE262322, AA485512, AW955529, BE314050, AV752768, N36051, AW407316, BF343862, H42954, BF183040, N79656, AV688973, BF116109, AL908551, AA393178, AL908565, AV745547, AA296690, AW856249, N33866, BF056595, AA477803, D81930, AL066608, H93834, AA296812, AL031665, AW001391, AL290747, AW276772, AW473105, AA143285, AL186832, BG167518, AL084670, AL147480, AL140421, AL720871, AW956361, R97588, AL279073, AL741421, AL281075, BF764144, AA814458, AA512969, AW874059, AA854174, AA968894, AL033995, AL950072, N88797, AA298404, AA411457, AL10485, AL434953, AA557594, AL280176, AL682083, AL027471, AL937180, AL061395, AL191381, AA298307, AA296976, AL884439, AL246055, AA954913, AW196298, AA477804, AL568461, W21048, AA297564, AW366028, AL910113, AV728317, AA402550, AW002095, AA402549, N63979, N95220, AA303056, AL418957, N25183, AA857556, AL869942, AA297445, AA143229, AA502177, AA724336, AA305827, AA298311, N25233, AL200178, BF673964, AW602659, AL220131, AA082648, AA045562, BF344111, AL262872, AL266423, AL264945, AL192573, AW192188, BF221838, AL205287, AA938296, AL263686, AA485357, BE827119, AX018175, AX018068, and AC005922.
HCQDE22	1209	894831	1 - 829	15 - 843	N58518, AA699859, AA677543, AF130358, AC006556, and AP001660.
HKGGCH22	1210	894999	1 - 779	15 - 793	AW169270, BF475369, AL524823, BE903984, AL530691, BE536833, BE881512, BG230736, BF033804, AA716162, AW183635, AL188277, AL141766, AL624087, AW173452, AL129419, AL683124, AL828817, BE903838, AL308087, BE544869, BF061917, AW291854, BE880241, AW471490, AW615124, AA701470, BF447518, AW025680, BF094269, BG251005, AW449210, AA315210, AW504333, AL239598, BE697836, AL284846, AL355748, BE742666, BE899398, BG027544, BF352604, AW376334, AW376337, AW752527, AW194025, AL890712, and AL565340.
HTPGG10	1211	895024	1 - 516	15 - 530	BE513091, BF541534, BF032123, BG164062, AL953481, T86266, BE304667, AV647382, BF104997, AA345449, AF177340, AF250558, and AF072128.
HFPHB92	1212	895129	1 - 1365	15 - 1379	AL076840, AL743984, AW058591, BF790789, AA020888, AA058832, AL670925, AA013221, AW003762, AL609358, AA059349, AL248700, N58955, AA700307, AA054237, AA019053, AA679437, AA054391, AA020776, AA018941, AA044980, AL423612, AW519204, AA995213, H86189, N99091, D60981, AA988183, AA988180, BF089105, AA324743, AA013316, AW611569, H85642, AA325374, AA044780, H85013, AA247209, H86122, BE835813, BE835814, AL540752, AW029457, AA058861, BE963818, and AC007246.
HLWBY26	1213	895166	1 - 1468	15 - 1482	BE312916, AW976020, BG027164, AA595199, BF341222, AW516908, AW975629, AW572281, AL339553, AA430329, AL041943, AL284951, AL652283, AW594568,

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HKAHR43	1214	895539	1 - 4707	15 - 4721	<p>BE867546, AI928825, AI929095, AW513008, AI554512, AI346113, AI733800, AI792608, BE166640, AW968343, AL040582, AI346501, AI285647, AI281031, AW292801, AI262848, AA468507, AI702901, AA468976, BE872481, BE714415, AA862642, AI983995, BE513006, AW842022, BE222398, AI810665, AI762122, BE762637, AW080778, AV728856, AV732578, BE139139, AA715814, AI250552, AI918620, BF991208, AI251034, AI284543, AI251284, AI478223, AI223626, BF869052, BG236628, AU124127, AV743776, AI254770, AA574442, AI932599, BG029224, AW275971, AA610509, AA195351, AA533762, BF808063, AI591375, AW276698, BE042006, BE169870, AW965633, T57767, AW851025, AI288531, BE621316, BG251983, AI696854, H72530, AV705269, BF760919, BE139133, BF772474, AV709713, AW965632, AW173622, BF965775, AA664879, AC009238, AF128113, AC003104, AC006345, AL049757, AC005280, AP001724, AC006387, AC004477, AL096840, AP000688, AL161907, AC005520, AL136305, AL137145, U47924, AC011311, AC006453, AF205588, AC003026, AC010789, AC007546, AC011895, AL110502, AL122001, AL109825, AF134726, AL158040, AC008012, AC004019, AC004836, AP000523, AC006126, AC005067, AL031668, AC007739, AL096712, AC005913, AL035089, AL021368, AC016594, AC005069, AC007686, AL078477, Z95152, AC007383, AC004813, AL137230, AP001760, AC006333, AC021999, AL136137, AC005038, AC020904, AC003991, X87344, AL031776, AC010271, AL121586, AI251973, AC021868, AC002425, AC008805, U96629, Z83838, AL160175, AC018468, AL021918, AL078461, AC019209, AC009487, AC006512, Z98742, AC020754, AC006057, AL353777, AL161937, AC005800, AP001727, AC008736, AC018642, AC007272, AL031300, AC004098, AC007216, AC000052, AC024563, AL109623, AC005088, AP000300, AL138836, AL008718, AL021326, AL021397, AC004148, AP000117, AL031283, AL354861, AL109627, AC011444, AC004216, AC004263,</p>

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HLDCE43	1215	895550	1 - 944	15 - 958	AL521417, AL525296, AL521416, AL524355, AL522464, AL533389, AL526331, AL530863, AL526414, BE311955, AL524354, AL264358, AI669655, BF036463, BE312775, BF984883, AA477724, AL523655, BE937625, AW139040, BF314033, BF725110, AI126122, AI823620, AA312871, AI857695, AW440406, AW271360, AI200833, AL530380, AW136150, AW134590, AI024780, AA496351, AL526176, AL530864, BF476679, AA292746, T55664, AA496400, AI274000, AI283242, AL520874, AI801876, AW068036, AA583620, AA477725, AA829681, AI367466, AW136110, BF822582, AL526455, BE924996, AI554612, AI922256, AA758054, AW591703, BF315809, AL530093, AA296469, AI017151, AA293719, AA427485, AW300774, AI863281, AW889471, AI424169, AI291789, BF445650, BE256735, AI670976, AL523656, H01676, AW952132, AL522465, BE242458, H01677, AA364430, AA318820, AA508789, N55872, AI248018, AI540614, BE797269, AL533433, AA232553, BF344330, BG255921, BE735184, AA301453, AI085402, BE562900, BF763257, AA642901, AW188803, AI758262, AA908888, AW137361, BF311298, AI093805, AL525339, AI751518, BF810986, BF312350, BE504399, F19099, BE735989, BE785480, BE397771, BF207123, BF032466, BF342490, BE893629, BE264109, BE261742, BE926389, BF309156, AI581186, BE258582, BG252820, BE392626, BF206486, BE206819, BE276164, BE384894, and AC004150.
HFXXKW18	1216	895626	1 - 2323	15 - 2337	TI9088, AW753053, AV744934, AW752082, T03269, AV741012, AV744770, AW975618, AI905856, AW966053, AW966029, AW966075, AW966065, AW178893, AW960465, AW973334, AW966531, AW978634, AW966534, AW966560, D58283, AW966022, AW959799, AW966013, D59859, AW179328, AW177440, D80022,

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HSKCP67	1217	895644	1 - 1963	15 - 1977	<p>150133, AR066488, AF135125, A82595, AX035429, AX035428, AR016514, AX035426, D50010, AR060138, A45456, A26615, AR052274, AR066490, DI3509, Y09669, AR060385, AB033111, AB002449, AR066487, AR074136, AR074139, U87247, A43192, A43190, AR038669, A30438, AB023656, AR087528, AR008408, X93535, AR060133, U79457, AR008382, and AA553357.</p> <p>BF684543, BF685031, AI740547, AW572309, AL355090, AW978678, AI761204, AA741319, AI001802, AW467009, AI986107, AI261766, AA421542, AA746023, R67552, AI823500, AA421398, BF511294, AI573196, AI376921, AA975777, BF446281, AA814148, AA024836, AA946575, AI149941, H23637, AA024792, AI277187, AA634859, R67551, AI214374, R01773, H22357, AI934527, BE170483, AI394623, AA069448, AA455743, AA991800, R01772, AW843923, AI090982, BF063997, AA069485, AI432666, AI493559, AW772685, BF849158, AL047675, BF795712, AL040207, AI432644, AI623302, AI866786, AI284509, AI434242, AI537943, BE885490, AI539771, AI537677, AI436429, AI433976, BG257535, AI805769, BG110517, BE897632, BG029667, AL042551, AI889147, BF904189, AI610557, AI242736, BG252929, AI916691, AL514935, AI494201, AW151136, AI866573, AI500523, AW858243, BG260144, AI889168, BF038804, AW172723, BF726868, AI554821, AI815232, BF811780, AW151138, AI433157, AI801325, AL045891, AI537515, AI521560, AI500659, BF968910, BF338002, AI582932, AI923989, AI284517, AI872423, AI371228, AI500706, AI491776, AI445237, AL046356, AI889189, AI500662, AI440263, AI633493, AI434256, BE886728, AI888661, AI284513, AI888118, AI859991, AI440252, AI890907, AI860003, BG249582, AI887499, AL042787, BF726234, AI274759, BE963035, AI432653, BF725868, AW081103, BF814335, BF726237, BG029053, BG168185, AL047422, AL045500, BF812438, BF032404, AI866465, BF814541, BF970652, AI364788, AV745008, AI371251, AI366900, AI866510, BE047952, AI923046, AI620284, BG120816, BE047737, BF904193, AW301344, BF814409, AI648567, BG179099, BF971016, BE895585, AI866608, BE018334, BF726183, BE968711, BF970449, BG107576, AV739574, AW663332, BE875407, BF726322, BE048071, AW858254, AW083804, BF814420, BF726504, AI499463, BG026428, AW191003, BF339322, BF727212, BF793324, AI269862, BF344652, BF816037, AL119791, BF904180, AA420758, BE785868, AI336575, BF792469, BE786043, AI041862, BG256592, BF814504, BF812961, AL531653, AW827289, BF032768, AL513985, AI345111, BF968504, AI344785, BG112879, BF036448, BG109270, AW162189, AI049851, AI351528, AL048323, AI628850, BG112718, AW827276, AW827206, BF038131, BF339594, AW118237, BF527014, BF812960, BF812938, BF822127, AW673679, AL046926, BE894455, BE047852, BF338723, BE876033, AL048375, BF727352, BG113712, BF526262, BF680133, BE880182, AI344817, BE536058, AX030435,</p>
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HBGOJ26	1218	895700	1 - 724	15 - 738	AL679032, AL269591, AL926385, AA427824, BF568093, AL307680, BE906048, AA985603, AA434527, AA358983, BG029042, AW016282, AL751352, AA904900, BE767196, AW751395, BE049123, AL538331, AL498177, AA428054, AW084403, AW085619, AW081391, AA461497, AW439261, AL081131, AL764997, AA761398, BE72411, AL634014, AW057677, BE221467, AW080458, AL244183, AW193005, AW339212, AW516122, AW027659, AW067803, AL954036, AW571944, AA772395, AL633339, AL916888, AL683203, AL422341, BE671235, AW025425, AL147736, AL090554, AL380245, AL089315, AW439080, AL282915, BF196022, AA351024, AL565421, BF476178, BE501181, AL205166, AW270733, AL751353, AL016528, AA135896, AL936764, AW024598, AL767080, AA135895, AA620766, AV707105, R10091, T49864, BF920348, T97167, AA399634, AL831497, AA152389, AA865196, AL277342, R50357, AW081268, R11029, BE503733, AA617807, AA649308, R11077, R10190, R53497, BF589988, N50819, R77618, AA399595, AA568975, AL525780, R72870, W68569, R71797, AA351025, R79394, AA912795, AW768731, AL524277, BF903645, AA894462, AL525820, H13235, H24510, BF568932, H30448, AA627105, BF340605, AW957565, AW067872, and AL133581.
HWHGQ4 6	1219	895880	1 - 1395	15 - 1409	AL515915, AL519637, AL516502, AL530378, AL534541, AL527244, BF206279, BE563468, BE894600, BE528095, BE734337, BE261458, BE547607, BF207129, BE018805, BE258538, AA314355, BF966160, BE259017, AL878986, BF527510, AW961100, BF218016, BF805533, BE935456, BE273252, BE935565, BE379416, BF689497, BE615561, BF805135, BG250649, BF805538, BG111006, W00898, BE394407, BF805707, BE543852, BE935562, BE538668, BG012784, BE797749,

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HNTOA59	1220	895940	1 - 3080	15 - 3094	W18181, AU118780, AU126249, BE739597, BF969172, BE874893, BG104700, BG167886, BE781278, AV758943, BF793394, AI335263, BG167884, AW977508, W60570, AW305247, BE739352, AI949857, AI769932, BE502280, BF033376, BF514535, AI961171, AI376764, AI018234, AW466903, AU145265, AI143581, W60661, AI498856, BG165828, AI949054, BF793906, AA569932, AA923566, AA873841, AI929237, W68384, H11953, AI051990, AI754510, H30442, AI190109, AI613113, AA456821, W68500, H18573, BE185505, BF248010, R60608, R16198, BE045974, R20002, BG166265, AA127202, H11954, R44819, R60554, H06599, W32128, H30393, H18466, AA374468, H30392, H30441, Z40835, AA767140, R16000, BF149232, R16197, AL537651, BE045981, Z41415, H88480, F08421, Z45096, N54033, AA127201, BF507730, AA662224, T16809, BE350273, T03447, AA224064, AA319784, AA095915, AI651893, AW877209, AL119457, AL119399, AL119324, AL042973, AW392670, AW804686, AW604723, AL119443, Z99396, BE695785, AW019988, AW861944, AW858526, AW858525, AW952414, BF868687, BE705905, BF868684, AL119497, BF868697, AL119319, BE705903, AL119483, AW363220, BE705906, AW577135, AW372827, AW384394, U46351, U46349, AW861889, AW858455, AL134920, U46350, AW962384, AW020592, AL119464, AW945168, AL134526, AL119484, AL119391, AI525653, AW951280, AV696791, AW963915, AW020328, U46347, AW020425, AW604726, AL042965, AL119363, AL119355, AW976035, AV727990, AL119418, AV660096, AW949477, AW963490, AW954384, AW023863, AK001292, AX030435, AI251859, AX046357, AR060234, AR066494, AI279014, A81671, AB026436, AR054110, AR069079, AF218031, T66654, T66655, T66656, and T66657.
HVVAL93	1221	895960	1 - 3182	15 - 3196	AL043329, BF965834, BG167996, BG026179, AI970994, AI740473, AI741566, AI817205, BF540943, AL529179, BE644852, BF439276, BF678309, AI740889, BF801570, BE544927, BF085261, AW466917, AI091411, AI435153, AI091191, AA129716, AI274064, AW117751, BG236187, BF439185, AA643517, AI753250, AI142000, AI436790, AI675270, AA133238, AI220185, AW204898, AW468944, AA421937, AI819042, BF034229, R69250, AA824389, F06421, H05999, AI742992,

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HAMGN0 9	1222	895968	1 - 1676	15 - 1690	BF445051, BE217908, AI760757, AW149808, AV701582, BE958089, BF978684, BG108510, BF212762, BF980565, AW119202, BE883295, AI761736, BF576059, AV751452, AA131230, BF212404, AI765261, AI767530, AI765764, BE733378, BF667664, BF979129, AI831450, W93041, BF184256, BE958309, AA705208, BE563928, AI097061, BF212980, AW103202, BE669851, AI703306, AW770620, BE564853, AA442700, N92163, BF670227, AI052295, AW104525, AV734527, AI949488, AA769675, AI076695, AA946840, AA584376, BE735250, AI056957, AI151362, BE565645, AI498453, AI219059, AI749495, BF477996, AI373382, AA769624, AI184579, AI241479, BF110713, AA705691, AI161059, AA834136, AI367960, AA921705, AA975611, AW514204, N64371, AA040363, H96401, BF998785, AW902158, AW384372, W93170, H96041, T76974, R11176, BE041209, AA370681, AW975187, AA370941, T77139, AA371282, AW015028, AA370936, AA040362, AA383071, AI597846, AI908359, AA807808, AI611793, AA131217, AV724520, AV718692, AV718489, AV719783, AV720464, D80253, D51423, D59619, AA333678, AV722801, D80196, D59927, AV720731, D80366, AV699927, AV718844, R07674, D80219, AV723927, D80045, AV720203, AV720812, AV701125, AV701043, AV701431, AV742001, AW973447, AV742667, AV701017, AV701248, D80134, AV701154, AV745080, D59275, AV700229, AV700889, D80193, AV699447, AV744934, AV719000, AV743601, D80227, D59787, D80240, D80043, C14014, D80210, C14227, AV719822, AV721784, AV742720, C75259, D81026, D51250, D80391, D50995, AV699479, AV701166, AV701332, AV701149, AV743008, AV720220, D59889, AV720211, AV701261, AV745724, AV745723, AV701021, AV701422, D80949, AV701118, AV701055, AV701012, AV720607, AV744768, AV745831, AV741012, BF243242, AV701443, AV719913, AV701163, AV741888, AV745369, AV745366, AV701428, AV723097, AV701344, AV744770, AV740535, AV701145, D80168, C15076, AV699746, AV719324, AV737584, AW949642, D80022, AV699550, AV744773, AV718707, D80038, AV701013, AV744771, AW965158, AV720150, D80195, AV742732, AV701335, AV745190, AV745847, AV743654, AV701121, AW964468, AW949645, T11051, D58283, AV701419, D81030, AV742671, AW949643, AV738340, AV745197, AV745920, D80188, AV746385, AV701330, AV741221, AW959570, AV745488, D51799, AV745853, AV746335, AV701130, AV741220, AV742048, T03269, AV721386, AV699669, D80378, AV718770, D59467, AV701227, AV700895, F13647, AV718800, AW975618, AV701415,

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HBMBF28	1224	896325	1 - 1321	15 - 1335	BE513121, BG166812, BF976213, AA112166, W52962, BE775129, BE775109, AI654679, AA605186, AA313951, AA127531, BF852255, BF852536, AA129620, BF852282, T34127, W60439, BF852279, T23885, AA083967, BE391215, AA471251, AW085597, AI911400, AA783012, AW439249, BF852488, T10558, AI311253, AW273988, AW301875, T18528, AI310845, AI343313, AI583935, AW271874, BE049194, AI254460, AI583328, BF109512, BF991121, AI862292, AA729659, AI452749, BF436263, AA806351, AW664767, AA608519, AA102574, AA815210, AA458820, BG107975, AW999443, AW072615, AA902183, AW444896, BE467894, BE467873, BE219281, BF431719, AI733120, AI634529, AW188480, AF221130, AF213467, AB032252, and AF161435.
HIPAZ12	1225	896370	1 - 1460	15 - 1474	BE745631, BE798676, AW006921, BE740341, BG030427, AW006942, AI758245, BG115203, BE890368, AV726709, AI096483, BE734387, BG031776, BF306177, BE898636, BF034940, AI862446, BG026010, BG032290, AI949427, BE891167, AI927510, BE894095, BE871029, AI688715, AI949438, BE899208, BE542732, BG171529, BG034044, BE856314, BG114169, AI742409, BG036345, BE810270, BE082189, BE872791, BF306351, AW300174, AW612446, AW195534, AI631745, AI814307, AW172845, BE464497, BE674861, BE439957, BG166576, BF062474, AA934354, BF085122, AW170506, AI083694, AA024537, BF939907, AW166803, BE048747, BF109523, AI927519, AV753474, BE385486, BE898475, AI537457, BE326533, AA160271, AW002966, AA992203, AA282926, AA496948, AI310526, BF433911, AI628618, N95057, BE698697, AI431849, AI076811, AW190546, AI372954, BE046533, BF061582, AW271454, AI475865, BF195847, AW194708, AA553362, BE218026, AI741233, BE671041, AI741545, AW772014, BE767571, AW300052, AI653780, AA167276, BE906631, F30337, AA188875, AI935331, AA283136, AW630625, AI191807, AI127643, BE501561, AI241178, W72254, AA845315, AI434610,

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HISCV39	1226	896442	1 - 2715	15 - 2729	<p>BE386747, BF313385, AU139053, AU133912, AU118931, BG023875, BE313242, AI046669, BE904361, BF970137, BE785783, AL517922, BE388188, BG114428, BF034447, BF093028, AW963991, BE378253, BF093078, AU129300, BE254743, AU129420, BE386011, BE392925, AU151443, BE546723, AU129248, AU154629, BE675999, AW025403, AI472148, AU151456, AI811059, AU151542, BF033164, BE439494, AU145379, AU158371, AU151407, AU144399, AA447393, AW408840, AU123483, D58723, AI139575, AI890927, AU145761, AA742462, AI800376, AW501970, AA447394, AA628966, AA654515, AA236994, AI888687, AA834615, AI394397, AA973832, AW770593, N72883, BF892957, AI913725, BF996184, AI570143, AI092335, AI805036, AW003614, AI803668, AI224536, AA446111, AI582374, BG056105, BF378835, AA877651, AA743851, AA411511, AI097064, AA576481, AI288292, BE869019, R91353, AW051468, AI936321, AI476393, AA889296, W22572, N74271, BF827295, BG009298, AA350263, AW515354, AA766834, AI082690, AA402357, BF851532, W27193, AA707912, AI539567, H29965, AA627820, AA099038, AI287346, AI906073, W22306, AW079133, AU156486, F10747, T58626, T81314, AW821349, H53387, H02136, Z39927, R85475, I79137, AA214490, AI678380, AW578259,</p>

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HPTVU91	1227	896517	1 - 862	15 - 876	W93943, AA531276, BF680458, AA552438, AI831051, AW294768, AW273371, AA484181, AI609617, AJ403111, AI583153, AW973320, C00019, AW452730, AW878960, BF872746, AA627648, AW130295, and AR037875.
HSLJD02	1228	896743	1 - 965	15 - 979	AW752082, AW753053, AI905856, AW178893, AW966049, AV744934, T03269, AV744773, AV719468, AV718707, D80164, AW975618, AW964737, AW966053, AW960465, AW973334, AW966531, AW978634, AW966534, AW966560, D58283, AW966022, AV744770, AW959799, AW966013, D59859, D80022, AW966041, D80166, D80195, AW966029, AW975621, AW978648, AW966075, D80193, D59927, AW966065, AV741012, D51423, D59619, AW978661, D80210, D51799, AW965163, AW973470, D80391, D59275, AW960553, D80240, AV743601, D80253, AW973541, AV719822, AW964766, AW966054, AV718489, AV720203, AV718692, AW964756, AW966050, AV719188, AW973307, D80043, D59787, D80227, AW966062, AV719324, AV718440, AV718938, AV719783, AV720028, D59502, AW959597, AV718633, AW959628, AW965177, AV742667, AW975605, AW959570, AW177440, AV718800, AW973485, AV720211, AV718931, AV718844, AV720464, AV719557, AV718770, AV720731, AW959582, AV699447, D59467, AW958992, AV722801, AV723927, AV724520, AV721784, AV699550, AV699927, AW973474, AW975613, D81030, AV745080, AW960473, AW973423, AW965185, AW965197, AW965196, AW965184, AW973488, AW965175, AV720878, AW973482, AW179328, D80212, D51060, D80196, D80188, D80219, C14014, AV720791, AV742001, AV701125, AV701335, AV701166, AV742430, AV701149, AV701043, AV701332, AW960532, AV701017, AV701248, AV742048, AV742720, AW958993, AV701431, AW959136, AW956397, AW959062, AW964477, AW956434, AW964488, AW949641, AW949656, AW949654, AW949642, AW959202, C14331, D80038, AV744690, D80269, D80366, D57483, C15076, AW962082, AW178775, AW966043, D50979, AV744768, D50995, D59889, AW962245, AW360811, AW966023, AV701130, AV701419, D80134, AV701422, C14389, AV699746, AW366296, AW375405, AW966059, D80045, AW960454, AW973330, AW378532,

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HNHOF94	1229	896802	1 - 843	15 - 857		<p>AW504168, AW407632, AW732205, AV718633, A1687343, AA678950, AV718938, AV749092, BF337291, A1284640, AW970571, AW193265, A1046409, BF055844, BF448904, A1613280, AU154166, A1270117, A1305766, A1350211, A1963720, AW468349, A1431303, AV764406, A1610159, AV759382, A1754653, AW472872, AA828704, AW276827, BE350475, BF794808, AV710066, A1334443, A1814735, AV761403, F29989, AW303196, A1251034, BE139139, A1250552, A1284543, AA491814, AV760937, BE047069, AV763354, AW103758, A1375710, AW301554, A1245693, A1345418, AW301350, A1251284, AV734666, AW274349, AA502860, A1345654, A1251203, AV762139, AW327868, AA469451, AV718908, A1688846, A1890348, A1223626, A1619997, AW193432, AV764307, BF475381, AV760774, BE138387, A1144101, AW302013, AF330238, BF857849, AW438643, BF683672, A1499938, AW303098, AV740801, A1341664, AW975425, A1061334, AA806796, A1254770, AW502975, A1826761, AA847499, AV758870, A1358343, AW378532, AW303176, BF793766, BG177715, A1289067, AW500125, AW406162, BE046438, AW088202, AV728425, AV762098, A1471481, AW268973, AW963497, BF746395, AV762050, R17793, A1613389, AL041690, AW965008, A1754955, BF851403, T74524, A1633390, BF668217, BF677892, A1601229, BG249643, AW979031, AV760777, AA503283, AV764241, AW419262, A1049634, BF917346, A1570261, AA578861, BE042006, AA743968, AL037683, AW088846, AW340905, AW872676, AV760207, AV758994, AV759580, AV725423, BG099291, AW996768, A1246409, AW408767, A1537800, AV763971, A1053672, AW276435, AA630925, AW513362, BF918590, BF725121,</p>

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H2CBM85	1230	896826	1 - 1863	15 - 1877	D79520, AA307713, T51211, D79560, AA164697, T51316, and AA164269.
HSLJC45	1231	896843	1 - 1169	15 - 1183	AL516920, AW964106, BE858245, AW795409, AW673478, BF114638, BF132131, BF679778, BG026583, AL516919, BF341615, BF217674, BE707558, AA099336, BF102691, BF954540, AA345865, Z44894, AA297234, AA125929, R24704, F05865, H26672, F08547, AA363324, F08631, BF229282, R17826, D60091, AR060756, AR064659, and AR080553.
HETJW92	1232	896874	1 - 1923	15 - 1937	BG261034, BE871393, BE870717, BG178811, BF036793, BG255133, BE380025, BG036667, BG254223, BE537632, BE379942, AA806214, AW965573, BF038191, BE180564, BE566251, AI910856, AA27513, BF036564, BE870823, BG036684, BF243233, BE538582, BE766499, H84673, BG180137, AI457792, BE180561, AA126879, T08550, BE871328, BF807078, BE539894, AA315096, AA134019, AI904879, H09290, R15941, F06590, BF038357, AI904853, AA453210, R35529, AA131851, T80473, F12752, BE548872, AW748181, BF431148, BE697942, AW015950, T74962, R56752, BE928469, BE868290, Z45897, H93521, R14640, AA338081, R12350, AW630088, AW674984, AI766506, BE868654, R14130, W38749, AW176253, AA430722, BF107388, BF184027, BE565590, BE018642, AA046853, AA385050, AA363860, BE719343, BE180554, W60935, AL045790, BF036293, BG179107, BF081700, BE148648, W21050, AA292157, BE180509, BF827222, AW998195, BE180614, AC009514, AL117612, AF087453, AX014821, and T66567.
HTEME02	1233	896919	1 - 843	15 - 857	AL536762, BF528330, AU140226, AW813975, BF339601, BF877029, BE834048, AI033712, BE699209, BF968237, BE695991, AV704911, BF843839, BE936062, BE936073, BF090166, BE936016, BF877036, BE936045, BE936021, AV722286, BE935949, BF090180, BG253555, BE699218, AW958768, BE008917, BE093398, BE935946, BE936081, AI907763, BE936067, BE008872, BF853428, AW897578, BE935954, BE936022, BE935984, BE936000, AI080415, BF362442, BF856881, BE935952, BE182983, BE182925, BE936035, BE935992, BE935956, BF843139, BE936006, BF815618, BF843841, BE182913, AW820982, BE936029, BG003478, BE699195, AI954084, BE936057, AW998139, AW935173, BE167347, AW407257, BE182944, D54061, BF852038, BE936071, AI807732, BF877047, AW820811, BE699198, AW964848, BE719419, AU149138, AW601176, BF746224, BE935981, BF876470, C04059, BF746143, BF820892, AI174699, BF852007, AW602654, BE008933, BE182912, BF812688, BF082986, BF229394, BE182981, BF877124, BE699192, BE182947, AI984573, AW748393, BF858057, BF852348, R98306, BE936072, BF751601, BE897718, BF734862, AA432282, BE936027, AW820825, AL041005, BE830405, AI564483, BF812628, BE838240, AA191629, H81609, T31059, BF229391, BE008977, BF962149, BF090176, AW379481, BE909785, BF902239, BE008877, BF375729, BF353448, AA131336, BE002031, BF852110, AW167226, AW580733, AV755738, BE008929,

HCYAC03	1234	896987	1 - 1774	15 - 1788	<p>BF875965, BE000837, BE009013, BF877040, AI432645, BG004425, BE008961, T04849, AI679407, BE699199, BF993016, AI983520, BF811365, W81030, BF185864, BF852359, BF362435, BE093355, T31131, BE008860, AI378920, BF090164, AI683963, BF093265, BF747413, AW370825, AI911825, BE001781, BE935958, AW602664, BF308636, AW841573, AA386226, AI125930, BE183005, AW601593, BF477375, BE071852, BF877110, BG119925, AW884448, AW363351, AI623994, BE182935, BF878897, AI890600, AW370258, AA226672, BE966999, BE936069, BE182910, AU116854, BE167353, AA313042, BF362462, AI924918, AW407503, BE093346, BF993932, BE073269, BE182985, AU140538, BE073334, AA383428, AA620809, BF888518, BF090172, BG260011, AA406281, BF877113, BF328265, T39333, AW367021, BE765368, Z38953, BE253379, BE763022, AW805406, AW796475, AA653510, BE764683, BE182948, AW675173, AI679802, AW602129, AA653438, BF876052, AV647359, BF508898, R72705, AV692063, AA383554, BG025764, BE833972, AW366103, BE762314, BE762323, BF852232, AA524116, BF448482, BE935939, AA079766, AI679914, BF896635, BF951536, BE349187, AI986456, BF378085, AW173659, AI056626, AI610539, AI208567, AA403067, BF886255, BE699180, AC002039, AC002045, AF001549, AC002544, AF132984, U91326, AC007216, U95742, D86974, AC002425, AC009086, AF229069, AK027135, AB032254, AF072097, and AA812534.</p> <p>BE613319, AV687447, BG166531, AV687625, AV686519, AW952404, BE877777, BE612728, AW160677, BG054984, BF732575, AV706186, BF439548, AA813278, AV725712, BE876393, BE645016, BF195583, BF055022, BF967994, BF206792, BF445077, BE348758, AI612729, AA521082, BE866270, BF195330, AW753532, AI869290, AA161332, AI806813, BF665995, AW068627, AW206294, AI912708, AA843967, BF446480, AA447934, BE881059, AV725638, AA525839, AA843171, AI091239, AI422091, AI802199, BE042949, AW003760, AA402367, AA910679, AA037122, BE327200, AI816253, BG114876, AI929639, W56256, AW275342, AI091181, BE218417, AW156905, AA779099, AI290167, AI057601, BG168894, AA781082, AA496466, AA287736, AW022886, AI685261, N35917, AA873496, AA992894, AI168731, AA287895, AA774263, N22752, AA843277, AA283859, BF673423, AI678620, AI061630, AA984140, AA907413, AI816334, AI361356, BF692350, BE383297, BE218532, AA056053, AW157133, AW161562, BF692523, N94537, BE673987, W17196, BE538941, AI027113, AA293343, AI004733, AI079727, AW516664, H15827, AV749347, N92441, W23456, AW470953, AV160789, AV684142, AA935683, AI566161, N27027, H99819, N94329, BE702242, BF690981, BF028133, AA725042, BF681161, AA258458, AA931689, BE077323, AA910558, AI128706, AA664059, AI446094, AA872758, BF762393, AA861311, AW162091, N34534, N30220, AA846407, AW513259, AA918516,</p>
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HTTBH18	1235	897055	1 - 2373	15 - 2387	

HOGBM94	1236	897226	1 - 2152	15 - 2166	BF800257, T12052, BE770983, BF800256, AI917650, AK026217, and AK023161. AI524908, AL522838, AL523970, AL526643, AL524638, AL526672, AL523969, AL524637, AL524907, AI126706, BE794117, BE798093, AL522839, AV655733, BE382404, BF969642, AI479847, AW192829, BG023810, BG179576, BF313172, AI279889, BE262983, BF207282, AI421809, BF314977, BE893705, AW248323, BE781659, AI768333, BF304264, BE539154, BE897878, AW006137, AW468336, AW072544, BE504335, AI741742, AL039221, AI611322, AW189019, AI969319, BE245491, AW474329, AI677833, AI122737, AA628927, AI270585, BF111442, BF207091, BE909947, AA526877, AA678843, AW972646, BF509049, AW514217, AI126518, BE244055, BE245616, BE780139, R61716, AI159845, R60720, AI494284, W44894, BF834449, AI088828, AW905107, BF527333, AW275109, AA480271, AI815186, AW905853, H61824, AW248087, T87354, AW590211, T95251, AI521942, AW590958, AI696055, T86573, AA010241, AI537065, AI800318, AA460778, W39542, F11857, R60721, T86750, T67464, H61825, AA206165, AA633710, BF804467, AI203927, AI624700, BF855013, BE502268, R51805, AA010204, AI800319, AW972451, R61717, H25779, BE261277, BF436295, AI184465, AW872818, N48718, AA460349, T78865, AA205932, T95252, AW190460, AW168744, AA278768, BF767959, BE175539, AA043867, BF511425, AI940174, T69497, AA044312, AA904823, BF738548, R51806, AI825526, AW150465, BF928026, AI934003, AW972648, C02494, BF965789, AI500029, AW411235, AV660258, AA127565, BG122594, BE901481, AW411265, AW410902, BE276577, BE393551, AI553640, AA830506, AW411351, AV686064, AI094639, AV706527, AI872906, AI917988, AW411043, E12646, AF192522, AF126781, E12579, A76335, AR068753, AJ277390, AF217994, A91160, AR054173, A93016, AL117644, S68736, S71381, AR068751, Y11254, AF065135, A76337, AR072149, AR072729, I92592, AR030544, AJ006417, Y11505, AL133636, AB025103, AR075041, X62580, AF036268, X62773, AL358133, AC021019, and M22640.
HSLAS08	1237	897262	1 - 2175	15 - 2189	BF686837, BF690587, BF686843, BF129618, AI908751, AI908746, AI908741, AI908747, AR072540, AR072534, I24403, AR084426, E02455, AX035427, A49701, AX035430, A92666, A92668, A92667, A92665, A00782, A02741, A14595, A18755, AR096518, AX018983, A94046, A94054, AR067785, E16475, I12245, I58322, I58323, I56770, I56771, A25856, A95106, A95105, AR038762, AX001322, Z96332, I96211, AX024519, AX024530, AX024508, AX024541, AX024497, AX024552, I01012, AX000478, AX000480, AX018968, AX000474, AX000476, and AX018972.
HTLJA52	1238	897328	1 - 1150	15 - 1164	BF979319, AW119073, BF062352, BF059117, AW027493, BE501011, AI393331, AI066607, AI637906, AI198866, AI654236, AI962816, AI209196, AI220535, AI798943, BE671645, AA776779, AI650410, AW631146, AI377343, AW304013, AA994513, AI632454, AW614024, AA962362, BF062007, AI150204, AA757242, AA883138,

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HISCG60	1239	897517	1 - 1710	15 - 1724	AA098949, BE170936, AA085520, AA340319, BE252421, AA731691, AL042853, AA579179, BF681619, AA355749, AL042756, AI334443, AV758790, BF678990, AL042420, AW974932, AV756809, AW265393, AW069769, BF337291, AL037683, BG249643, AL042753, AL138455, AI733856, AV755654, AL079734, AA527209, AW966333, AI636627, AV760391, AV763418, AV759935, AW062724, AA828047, AV763276, AI358712, AA584489, AI754653, D87432, AL133448, AC009086, AC008738, AC005000, AL117258, AL034417, AL139099, AC008805, AL353810, AI035420, Z68276, AC005399, AL121919, AL355365, AL035401, AC005971, AC005874, AF134471, AC006088, AC006950, AL161901, AC006314, M30688, AC006115, AC008745, AC004686, AL034422, AC010352, AL121891, X54486, AC005225, AC007671, AL354696, AC005701, AC008543, AL023575, AL135796, AP001690, AL049552, AC002073, AC005261, AL121897, AC008687, AC004655, AC011482, AC005052, AC002301, AC026431, AL137802, AC026881, AC005899, AL357497,

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HEBF134	1240	897852	1 - 1175	15 - 1189	BG250493, BE786038, BF968793, AI148564, AV714668, AI911259, AV717040, BF970799, BF031366, AV701362, W60958, BE221213, AI683823, AW268612, AW275920, AV711084, BE551456, BE551386, BE550880, AA404358, BE669452, AW956755, BE674209, BF669035, BG110482, BE504275, AA443743, BF244446, AI271616, AV703458, AI675766, AA936391, AV763474, AA403095, AI311856, AI695003, AI082141, BF968311, BF381847, BE905833, AI079408, AA503819, BF036575, AA393808, BF027805, AI189388, T86418, BF575757, N30670, AA393892, AA974212, AA827290, BE872085, AA910984, AV711478, AI014740, AA804216, AI219049, AI566294, H96780, R21152, AI374805, AW804422, H23300, AI299755, R99539, N75557, R99538, AA476793, AI094470, AA417638, AW952564, BF724670, BF221760, AV725011, W05584, AI133161, AI089034, AA905867, AA677753, T86508, AI240536, R99550, AI538267, BF753822, AA353337, BF811514, AA918453, AA313386, AW445161, Z40615, H92649, W87796, BE272827, T33983, AW298229, R08382, AI445161, Z40615, H92649, W87796, BE272827, T33983, AW298229, R08382, BF475310, H23186, AV714823, R08329, H96103, H97711, H80948, T99199, N24555, AA375092, T99198, BE260997, H92437, AA383378, BE536680, AI085108, AF242523, AK024574, AF151859, AC004148, AC024082, AC009263, and AA419545.

HKAEK20	1241	897885	1 - 1115	15 - 1129	<p>BE872600, BE744440, BE392074, BE747852, BF437467, AW294718, BE280077, BF594560, AI362833, AI499710, AI005303, AW168051, AA587270, AI885622, AI394581, AI376592, AA833957, AW665636, AW510777, AW663550, AA236899, BF437501, AI937063, AI879044, AI129399, AI937892, AI051543, AW005685, AI333338, AI369653, AI343383, AI088461, AA632126, AA991269, AA552172, AA452977, AI032294, AI023445, AA502369, AA452992, AA77053, AW026878, AA452854, AI401110, AW008913, AI186769, AI672668, AI079826, AA868216, AA428130, AA527466, D60193, AA927983, AI364308, AI220907, AI668901, AI685820, AA236629, AA127786, BG057425, C14825, AA989539, AI419950, AA541273, AI695610, BF792826, AW503283, AI525510, AA374931, AW206263, AI394097, AI910623, AA127687, BE253223, AA455557, AI916665, AA887800, AA452835, AV756074, BF337291, AI042694, AV704232, AL042538, AI432644, AW405497, BF812963, AV760560, AL042853, AL042377, AI582932, AI866820, BE047915, AI433157, AI866469, AI355779, BF811804, AI889189, W37242, AI491710, BF343283, AW151136, AI590043, AI538885, BE883591, AI801325, AI500714, AI872423, AI537677, AI500523, AI859991, AI500662, AI888661, AI581033, AI860003, BF342223, AI521560, AW511921, AI923989, AI284517, AI539800, AL079960, AI500706, AI494201, AI815232, AI539707, BG029667, AI284509, BF970652, AI890907, AI554821, AI866465, AI539771, AI648567, BF811802, AW611588, AI538850, AI690946, AI866573, AW172723, AW858243, AW151979, AI539781, BF338002, BF109506, AI805769, AI434242, AI436429, AI623736, AI866786, AI610557, AI242736, AW827115, AI828574, BG252929, BF812961, BF815930, BE897632, AI371251, AI500659, AI887775, AI491776, AI445237, AW151138, AI582912, AI889168, AI440263, AI633493, AI889147, AI371228, AI440252, AI434256, AI887499, AI045943, AI284513, AI559957, AW089557, AI521571, AI469775, BE537531, BF030996, AI866510, AL046137, AI866461, AL515375, AA948539, AL047422, AW020592, BE886728, AL039390, AW827289, BE895585, BF812438, BG110517, BG027628, BG180273, AI923046, BF676355, AL046595, AV762619, AA641818, BE796673, BF812936, BE536058, AW673679, AL048482, AC005522, AL391122, AC007383, AC020910, AC007390, AF001552, AL354861, AC010137, AL031274, AL139099, AL353745, AL135749, AC005902, AC087089, AL353625, AC002464, AL031984, AL138836, and AC008074.</p>
HDPVZ07	1242	897891	1 - 1325	15 - 1339	<p>BF794893, BF528477, AV726101, AI890191, BF590669, AW197500, AW051933, BG024915, BE670318, AA989050, AI652622, BF447720, AI968150, AW089773, AA701627, AA931239, AA864813, AI914055, AV646097, AV708676, AV646062, BE074869, BF841082, BF934574, BF934575, AI580744, AA323534, AI017130, AA931926, AA976815, BF366013, AA621535, AA043634, BF347990, AW206671, T06881, BF922278, BF922271, AA033736, BE930520, AW383773, AW383776,</p>

HE8PB56	1243	897898	1 - 2007	15 - 2021	AW606263, BF841093, and AW151114. AL513926, AL513925, BE621616, AW960757, BE621361, BG033574, BE879071, BE409836, BE122868, BG166428, BE905399, AW998966, BF967614, BG111599, BE565434, BE566493, BF965367, BE736870, AV658844, BE787412, BG032045, AV658848, BF967540, BF037996, BE910300, AW167175, AJ740811, BF827073, BF825996, AI814625, AW372977, BF691552, AW379570, AW966626, AI830090, BF432483, BG165775, AA843925, BE811643, AW372976, BF382175, BE565581, BF982073, AW269507, BE563938, BF790484, BE76947, BE866746, AW379557, BF063395, AI378931, AI817634, BE973779, BF668149, AI858698, BF208111, AI828457, BF692349, AI694126, AW392769, BF246378, AI830092, AI422742, BE185114, BE567089, BE569169, AI400366, AI092688, BF669067, AI890963, BE348964, AW604280, AI679511, AI913025, AA253194, AI419413, AI811323, AI951020, AI022434, AI683943, AI525592, AA568164, BF028353, BE811634, AW675760, AW604289, AA688138, BF185347, AW630052, BE075317, AI452382, AI146463, BF382673, AI400768, AI288461, AW591233, AA906505, AI924309, AI167393, AA654360, AI186897, AI004583, AA775509, AI493331, AA614431, AI346389, AW604287, N62092, AA626034, AI023936, BE566929, BF572226, AW043643, AW273008, BE714766, BE140293, AI159711, AI921444, AA159816, AA482352, W38893, AW268508, AI970751, AV752826, AV651228, BF208866, BF840505, AW627852, AA588751, BE710423, BF184750, BE140199, AI077673, AA016243, AV658613, AA586975, BF675470, BE568879, AI985699, AI587086, AI860660, AI475132, N95055, BF475684, AI075057, AW274617, AW304099, AA160381, AA506029, BG119917, AW238652, AA086218, AA482254, AI436339, AI291597, H99748, AI278514, AW510468, AA610151, AW999091, R63720, R70906, AA471074, AW472934, R77169, AA079633, BE714760, BF240062, AA480373, AA468385, BE140282, BE737195, AW302595, AW806670, R82584, AI446687, AI283412, AI816752, H97740, BF840503, AA932817, R82585, W93394, AI682734, AA844033, AV682749, AA639961, AI880674, AW104925, AW261859, H21696, AI291596, H01942, AI168626, AA935864, AA580370, AW873776, AA258741, AA618219, W93362, AA258377, BE814374, BE218377, AW238247, AI190841, AW604657, BF082736, BF345003, BE934633, BE181669, AI091676, AA328654, BE544155, AI932899, C17106, BF588467, AA297487, AA159815, BF211913, D79077, AA158761, BE710924, AW134560, BF326845, W79646, AV656657, AA296799, BF212328, AA159710, R63767, BE566272, R70905, AV657130, AW673433, AA159565, AW999382, AI472890, AA298549, AI492053, BF130354, BG107992, AA016203, R70993, BF208278, AI811530, AA469417, BE567023, BF812789, AA076609, AA468424, AX013182, AJ251183, AL023582, AF317550, AF249870, AL355362, AF251009, AK027096, AL389935, X70685,
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HCFBF02	1244	897932	1 - 2587	15 - 2601	BF718797, AL530914, AU122015, AI761694, BF038798, AA449050, BF975260, BE735899, AU134674, AW968498, AV684895, BF203871, AV684924, AV683742,

HE8TB14	1245	897937	1 - 2864	15 - 2878	<p>AW131552, AA776474, AW401753, BF974159, BF244139, BF829908, AW968675, AI021890, BF829004, BF828312, AW239446, AV698851, BE762877, AW960634, BE939298, AA116132, BF082209, BF829026, AW408327, AW451927, BF569686, AA036712, W22022, BF082207, BE939304, W45195, BF306015, AW631461, AA805537, AV710898, W56021, W79663, AA218662, H14227, BF350111, H30465, BF341081, AA040473, R14799, H25817, W22981, BF829355, R47459, T11517, AA358781, AA338759, H20744, T93787, Z42948, T33501, BF082994, BF828305, AA905111, R02426, AA545751, AA034333, AW374532, T31905, BE927112, AA333215, AW374660, N86776, AA249082, R02324, AA366427, W19151, AA334888, AA094393, BF033060, AL530913, R58414, T93832, N88847, AI188455, R45852, N88499, AA248097, AA094034, N56337, AA853613, AW131456, AA282656, BE708597, AW770118, AI097214, AW009452, AA480917, AW574571, BF094247, AI762159, AI479963, AW381449, N53121, N54405, AI335977, N31953, AW381451, R58270, AW081547, AW027335, AU147719, AI138490, AI129620, BF828881, AI129265, AI917872, AA095396, AI051106, AA761562, AI309628, AI034375, AA844148, AI074132, AI471599, N56158, AI032728, AI339926, AK027232, AX048079, and AK023425.</p> <p>BG166696, AW167360, AI267409, BE771015, AW964621, BF724809, BF116223, AW957228, BF513241, BE044455, BG028972, AW341018, BE717076, AI741238, AW205267, AA446366, BE716007, BE770995, AW967837, AI631041, AW068733, W38381, BG055388, AA631768, BG109533, AI678459, AI190188, W22773, AI298033, AI185111, BF109466, AL121396, AA825376, R51682, AA322968, R17294, AA326583, D51829, AA319660, H52339, W40456, AA322218, AA322915, AI884382, AA333546, BE246888, AW888726, AI817750, BF354697, AI694949, BF110569, T71507, AA057393, BF795799, AW968859, AI559589, AI272250, AA332395, AA909847, AA491176, AA339517, AA868436, AA028178, AV749029, AA101311, AI472353, AW236663, AI701159, AW661978, BE974135, Z44341, AA027301, AI499254, AW850031, AA027305, AW605429, AL044855, W07057, BF803712, T39302, AA636080, BE882592, AI795880, BE247681, BE769002, AI044038, AA923313, AW952401, and AB007930.</p> <p>AU133538, BE312889, AU117464, BE743205, BF689738, BE903831, BF982377, BE260664, BE261205, BF797573, BF206958, BE543465, BE313854, BE261633, BG180460, BE903131, BE313739, BF751473, AA195176, AW956388, BE386393, BE250817, BE410483, AW673389, T74083, N77796, R94656, T86367, BE799343, R20378, Z44821, BE141418, AU128632, AW292756, BE542704, Z44796, R36742, AL040203, F05149, R17945, T32211, BE727543, BF360245, BE407445, F12532, AV747894, BF349518, BF690283, AA309174, AA135353, BE251320, AI283551, BF814397, AW750971, AK025999, AK022940, AK024657, and AK000926.</p> <p>AA350429.</p>
HHEFI15	1246	897968	1 - 1762	15 - 1776	
HHEQF50	1247	897970	1 - 617	15 - 631	

HOSAY56	1248	897979	1 - 1293	15 - 1307	AI949910, AV716802, AW242656, AV716725, AI400631, AA418441, AI338670, AA446401, AA677149, AV711676, AI333747, C01555, AA380065, AA700481, AF067800, AJ133532, AF109146, AF200738, and AC006511.
HOGEA82	1249	898097	1 - 1931	15 - 1945	AW603958, BE514890, BF819737, AW084511, BF772865, BF819736, BF883707, BF819740, BF819735, AI921127, BE872017, AW603961, AW081362, AI826371, BE047831, AA633240, AA573892, AW438692, BF819488, BF819602, BF819738, BF819733, AA670097, AA746062, AA773277, BF822599, BF819739, BF819590, BF883124, AW850118, BF821487, AA527939, AA101930, AA132986, BE827167, AA551538, AA101929, AI827670, AI566178, AI279935, AI991843, AI624645, AA132631, BF822589, BF823653, BF773151, AI911191, AW603959, BF773143, AA135196, AA972356, AI288048, AI566277, AA133085, BF803415, AA936755, BF851703, AI803847, BF822577, BF822628, AW997240, BG002642, AW752282, AW997219, AA987392, AI925474, AA336198, AW167866, AA135276, AI884517, AI432597, AW351818, AI690524, BF921923, AI866644, BF819734, AI561306, AI591335, AA570337, AW814683, AW242240, AW351801, AW750746, BF921927, AA366320, BF921922, BF821533, AI914681, AA535954, BF773142, T24909, BF821500, BE327605, BF773137, AA132448, BF821663, BF921918, BE143260, AW850138, AW850422, BF928797, AA534508, BG034554, AI929108, AW161098, BF752892, AL133741, AA629936, AI365256, AL110306, BF830213, AI815239, AW084097, BF828245, AW020455, AI333638, AW020592, BF913569, AW022494, BF813177, AI610645, AW020288, AI469516, BE965481, AI886055, AW021588, AI254727, BF764516, BF154735, BF764534, BF753056, AI677797, AW130829, AA207067, BE971692, AI499974, BE904809, AW827285, AW022542, AL138388, BF811808, AL042382, BF968959, AW089006, AI343091, BF749516, BG106858, BG058039, BF924884, AL041220, AA731026, AL035847, AW168791, AA806719, BF526933, AW806761, AW131994, AW081917, AI473434, AI860697, AI873638, BE906419, AI358107, AI630947, AI805769, AI250627, AW078689, F26535, BG114432, AA768046, AA830821, AW022102, BF819346, AI628273, AI434242, AV681965, AA514684, AW858254, BF892007, AL513585, AV733448, AI002285, AI247298, AI553669, AV710937, AV743129, AI471548, BF766527, AI560806, AW900453, AI244380, BE011885, AW085786, AW265004, AI863047, AW827249, AI799233, AI360195, BE974031, AW148303, AI887775, BF794025, AI249946, AW149876, BE964497, AI446405, AI559863, AV746791, BF343205, BF814449, AW999906, AW268962, AW002698, AW025279, AW827201, AI452857, AW235482, AW083804, BE909521, AI364220, AI951222, AI696626, BF816031, AI096771, AI587489, AI887139, AA493923, AI927233, AI589993, AI950973, BF037484, BF773282, BE538466, AW827289, BE393551, AW078729, BF817746, BF814429, AW055252, BE279800, AI472536, BF915316,

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HHFV91	1250	898152	1 - 1294	15 - 1308	
HMACM2	1251	898193	1 - 1061	15 - 1075	

					AA133495, AA115735, AI648557, BE044046, AI198313, AA569871, N41388, T69995, Z20305, N55062, AF213457, AL133404, and A74711.
HDPLG70	1252	898235	1 - 1899	15 - 1913	AL520900, AL520550, AL520551, AL521649, AL520901, AV704088, BG029889, BG120878, AW372721, BE264987, AA779652, AL037829, BE906201, AL044300, BG170969, BE782595, BE891253, AL037830, AW372704, BE768930, AA722880, BF724791, BG104612, AA447813, N21569, AI168324, BE349318, BE047392, AW131642, AA478642, AI590628, AA292897, AA410845, AI829611, BG254734, R52846, AA447814, AI142945, AI142943, AA252189, AI359892, AA974206, BF508776, AI190425, BE350039, AI085888, D59872, AI446645, AI335769, AA861454, AI268764, AA776515, AI077663, AI806892, AW083118, AA554318, AI439022, AI373036, BG164250, R66420, AA302641, W73952, N42730, AA594115, AV683614, AI249488, AA936827, AI917956, AI367631, AA156886, AW511599, AW151261, BF915540, AA235619, W77995, AA252188, W73178, D59873, W73457, AA678939, BF767379, AW960535, AA447665, AI050013, AI433148, AI693776, H43132, W93317, BF872750, AI868651, BE907089, H42365, AI215882, AA383684, AA843578, AA479185, H84184, AA421010, AA766077, BE171426, BE171433, C21518, AI274524, AI015576, F21903, BE171427, AA625709, AA535245, AW265759, AA927039, AA303411, AI684069, AA339998, AA356903, AA325207, AA811142, AW372719, AW239545, AA401731, AA742390, AA336082, AW081250, AA433985, AW372678, AA603705, H84185, AA157195, AW372679, AI910669, AI682063, AL044011, AW273621, AA827896, AW170714, AI028476, AA496243, AI582763, AA916824, AI057210, AA768150, AI440289, AI721078, AA634528, AA621271, AA776421, AI051711, AI287476, AW303838, AI636557, AA961201, AA815460, R06079, AI076520, AA773592, BF736165, BE171275, BE008133, AI222486, T24558, AL521648, AV726846, AV704757, AV706824, AV705873, AW963450, AI525633, and AI369290.
HABAD39	1253	898401	1 - 1781	15 - 1795	AL517391, BE902734, BE898760, BE734218, BE898456, BF969683, BE741858, BE740173, AW411437, BE798298, BE787731, BF207078, BE314398, AI953080, BF206749, BE312960, BF983948, BF735902, BE272107, AI755152, AI085362, BF678960, BE292874, AA402892, AA156214, BG255037, AW006183, BE269007, AW953338, AA813449, N29136, BE739234, AI361967, AA542904, AA738475, BF571520, AA948078, AI278491, AA102825, AA314817, AA476582, BF438195, AA282290, BF303733, AA428795, BG109160, AA608565, AA057850, AA631291, AI199707, AA102826, N42950, AI627467, AI499849, AA401361, AI814330, AI143537, AI421793, AA402059, AA889293, AI310494, AA101640, N29804, AA828527, AA125896, AA602166, AA405320, AA427673, AA027054, T72902, AA125895, AA101639, AA605034, AA330261, AA398667, N49925, AA351311, AA713830, R95693, AA505799, H56340, AI914562, AA846244, BF437539, BE082341, AA749355,

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HKAKC86	1254	898524	1 - 811	15 - 825	BE563611, A1028704, AA758208, A1743546, BF028445, BE879604, AW971745, AW804686, AW392670, AL119497, AW861944, BE695785, AW604723, AW858526, AW858525, AW877209, AL119457, U46341, BE705903, AL119335, Z99396, AW384394, BE705906, AW861889, AW577135, AW372827, AW858455, AW363220, U46347, AL119319, AL119443, AL134533, AL119324, AL119363, AL134902, AL119484, AL119341, AL119391, AL119444, AL119355, U46346, U46350, U46351, U46349, A1142132, AL119483, BF868697, BE705905, AL119396, BF868684, AL134531, AL134528, AW604726, BF868687, AL134920, AL119439, AL119522, AL119496, BE705904, AL042614, AL119399, AW861954, AL037205, U46345, AL042975, AL134538, AL042965, AL119418, AL042450, AL079683, AL043029, AL042544, AL042970, AL042542, AL043019, AL042984, AL043003, AL042551, AL119464, AL119488, AB026436, AR080280, AJ251859, AX030435, AR054110, A81671, AJ279014, AR060234, AR066494, AX046357, and AR069079.
HUKEP18	1255	898588	1 - 852	15 - 866	AA203189, BE672200, A1057441, A1139922, AA719156, A1653844, AW104223, AW593290, A1208345, AA969188, BF886843, and AF100707.
HL2AB66	1256	898739	1 - 1098	15 - 1112	BF794010, AU118289, AU137988, BE622368, AW610165, BF346601, AV762918, AW393434, AW880979, AW364631, BF375671, AW385620, AA343317, BE832861, R70298, H44267, R71697, BF925881, AW393440, AW610168, BF375691, BE843942, BF376968, BF375683, BF375703, BF375681, AW796249, AW364623, AW393437, AA781867, AW385613, U25890, BF991525, AA337569, AW960792, BG014480, AV762940, AK001005, AK002056, AC005840, and AC006064.
HHGDQ67	1257	898746	1 - 1881	15 - 1895	AV728436, AV693005, AV709635, AV687176, AV703125, AV685688, AV701198, AV725989, AV650367, AV729411, AV716834, AV705555, AV645778, AV703970, AV745573, AV727314, AV707149, AV692972, AV725431, AV704269, AV726480, AV755534, AV726559, AV734181, AV702787, AV707117, AV706910, AV729017, AV734855, AV702984, AV724987, AV727103, AV707088, AV705234, AV701538, AV703591, AV704974, AV707948, AV734426, AV702869, AV728459, AV728715, AV656240, AV701728, AV733212, AV707783, AV702954, AV733296, AV733813, AV725074, AV706183, AV734581, AV709407, AV647654, AV734568, AV707690,

AV727723, AV733090, AV707628, AV709356, AV729357, AV733901, AV733867, AV733247, AV701783, AV706851, AV703453, AV702537, AV709935, AV702498, AV702026, AV7070798, AV761726, AV702427, AV704592, AV728270, AV726505, AV726067, AV652808, AV652156, AV728289, AV707686, AV729129, AV713025, AV706104, AV701611, AV704304, AV705504, AV734389, AV702409, AV702696, AV703012, AV704924, AV713243, AV706683, AV723025, AV707171, AV702222, AV709514, AV704611, AV705416, AV759059, AV726392, AV661744, AV706234, AV725907, AV729983, AV703862, AV732974, AV706724, AV733222, AV733103, AV729220, AV706746, AV702798, AV652547, AV725387, AV706357, AV725369, AV733588, AV706035, AV706527, AV705047, AV707685, AV733439, AV659189, AV756330, AV734730, AV759270, AV706453, AV695520, AV703417, AV763786, AV651075, AV708809, AV734272, AV735115, AV705263, AV704279, AV702671, AV704660, AV725514, AV727576, AV727355, AV728872, AV706891, AV728884, AV734524, AV755382, AV703436, AV707882, AV728255, AV690751, AV7033367, AV733049, AV706989, AV708320, AV707589, AV701499, AV729219, AV701560, AV741227, AV726830, AV694787, AV658332, AV760611, AV704116, AV701496, AV646736, AV705266, AV740894, AV717107, AV726624, AV710646, AV702637, AV725927, AV705024, AV732002, AV706047, AV727932, AV733607, AV701961, AV714286, AV727347, AV725386, AV759352, AV705525, AV653845, AV727029, AV704981, AV710761, AV733704, AV728777, AV705655, AV725152, AV706220, AV733258, AV702792, AV742732, AV703232, AV703505, AV704605, AV646946, AV702581, AV705662, AV762571, AV760049, AV706318, AV734610, AV705299, AV706662, AV682643, AV706814, AV725281, AV705684, AV704481, AV681900, AV728546, AV705189, AV725920, AV706889, AV701410, AV762683, AV687909, AV705343, AV702958, AV704916, AV755722, AV707639, AV709025, AV699156, AV759475, AV726738, AV701626, AV705020, AV646675, AV733382, AV725043, AV731759, AV706394, AV658362, AV709932, AV709897, AV701707, AV707510, AV761915, AV758259, AV704757, AV655096, AV709549, AL136303, AX020190, AR017907, AX035462, AR088705, AX047064, AR091393, AR079804, AX008555, AX009712, AR062871, AX026824, AX035980, I13349, AX032758, I44681, A91965, X81969, AX026823, AR062872, AR062873, AR038855, I66485, I66487, A20702, A20700, AX43189, A43188, AX047063, A84772, A84776, A84775, A84774, AR067731, AR067732, A58522, A91750, AX047062, A25909, I19525, AR070327, AR008429, AX006816, AX001322, AX009487, A85395, A85476, AR093385, AX028305, I18895, AJ244005, AJ244004, AX001082, AX021518, AR037157, AJ244003, AX020191, AX006825, AX006822, AX006826, Y16359, A98420, A98423, A98432, A98436, A98417, A98427, AX042372, AR054109, AR093392, AR096545, M28262, I48927, A18053,

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HHFJS83	1258	898792	1 - 1789	15 - 1803	<p>AL517134, AL524051, AL517135, AL537535, AI361222, AL537534, BG120134, AL532423, BF688163, BG150261, AI361218, BG168891, BE868208, AI818146, BG168918, AW955091, AL044002, BG167519, AV719782, AW510853, BF216510, BF037045, AA449562, AL515196, BF030580, BE885418, BF699219, BF680792, AI937067, BE927666, AW292803, BF335422, BE549610, BF793793, BE927669, BF674861, AA620750, BE881703, BF672590, BF111213, AI809804, BF668534, AW444975, AI937064, AL044003, BF085327, AA643669, AA314350, AW571754, BF085414, BE927615, BF367442, AI333293, AI027392, AI870371, AI268405, AW804029, AW804094, BE814966, BE004566, BE814989, AW804038, BE178594, BF381744, BE814978, BE694316, BE825418, AA523074, BF516003, BG150351, AW804040, AW804031, AI140675, BF310866, AW804096, AW935907, BE815035, BE273207, N51364, AI159864, AI949007, AI279860, AA449305, BE178632, W52337, AI912517, N66531, AI056498, BF085618, AI344560, BF217506, AA908864, AI571128, W48833, AA448734, AW887696, AI356775, W52594, AW954918, BF085472, AA515676, AW102597, AI825137, BF197164, BE004562, AA845306, AI289220, BF689123, BF433188, AA084404, BE178588, BG107076, AA448757, W49814, BE178649, HI2900,</p>

AW756035, AW189236, BF131783, AA448798, A1460069, A1830723, H99378, A1313393, D82523, AW804120, N57002, A1423892, BF382604, AW887694, N89941, AW887703, A1423765, A1348377, A1423619, AA772080, BE004603, AA961085, AW887709, BF085333, A1380140, BF085413, D60492, A1225085, A1244153, D82499, N64261, BE089349, AA907447, AW241615, BE089348, AW001668, BF352382, BE825346, BE089337, A1767167, R48783, AW472798, AW052165, BE815028, BE814984, R15770, BE815055, AW024854, H00809, D57482, H16913, R17701, T80286, R16274, BF327548, A1655533, D82446, R28195, H08546, N88488, H15987, F09950, W19356, Z30216, H12901, BF677346, T30774, AV725074, AA309056, AA340229, R48890, BF327564, T95183, D82493, AW089369, C02460, R28196, D57590, T95086, BF437738, R38734, D82563, AA384328, AW440038, R18554, BF327550, BF243577, AA081556, BE004951, W33131, T34027, H16803, R56288, BE004551, BF691993, D82528, BE927693, BE927656, BE004811, D54250, W31584, D82529, W33132, T11295, W32076, BF132161, BE815060, BE004800, AW804018, BE004907, AL515195, BE004864, AW804090, A1674883, AA318911, C02521, AW887690, BE815026, BE856297, BE004960, BF327561, R12855, AL514627, BE048071, BE018334, BF970449, AL049085, AL040243, AL514793, AC006033, I48979, I89947, AF130104, A08916, I48978, AL122110, AK025084, AL133080, I89931, A08913, AB041801, AL133560, AK026045, AL162062, AL050149, AX046603, AF130075, AL122093, AL162083, AK024538, AK025092, AL133075, X65873, AF130077, AK026741, AL117457, AL122049, AL110196, AK026865, AF106862, AF113690, Y16645, AF097996, AK025391, AL122050, X84990, AK000618, AF090903, AX019230, AK025772, U42766, AK027096, AK026583, AF113699, AL133016, S68736, A03736, AF090900, AF119878, AL049430, AF225424, AK026744, AF130105, AF119875, S78214, AB052200, AF130082, AL122121, A08910, AF090934, E07361, AL133640, AL137459, AL117460, AL133557, AK026927, AB019565, AX019229, E03348, AF113689, AB048953, Y11587, A1242859, AR059958, AL359601, AF116649, AF177401, AF090901, AK000445, AF130092, AL080124, AB049758, AL133606, AL049938, AF116639, AL117583, AL050146, AL050108, AF130110, AK026086, Y11254, AF113691, AK025339, AF116631, AF116602, AL080060, AL050393, AL122123, AL389978, AJ000937, AR087170, AK000212, AF119899, AF116646, AL110221, E07108, AL050116, AL117435, AL133565, AK026855, AF113694, AF116688, AB051158, AF118070, AK000137, AF119871, AK026959, AL390167, AF125949, AF113676, AX006092, AF158248, AL157431, AF090896, AL137527, AF104032, AF118064, AL133093, AB048964, AF218014, AB047615, AK026608, AF116682, AL359596, AK025958, AL162006, AF017152, AF219137, AK026452, AR079032, L31396, AL080137, L31397, AF091084, AF116644, AF113677, A93016, AL050277, AF138861, AL049452, A1389982, AF113019, X82434, AF090943

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HSUMA53	1259	898943	1 - 3126	15 - 3140	AU132597, AW375619, BE147950, AW375590, AI954621, AW362044, AW846423, H98087, AW205215, BG116625, AW754108, AW205991, AI361588, AW193731, BG115317, AA588837, AA534307, AI631442, AW291638, AW846522, AW846520, BF997465, BF997460, AW846509, AW846513, AW408128, AW751986, AI097266, AA731997, AW957659, AW965952, H89823, R98300, W01922, AI656446, BE612963, BG115275, AW500884, AW846344, AU123814, R98059, AW968355, AW972093, AW968356, AW968729, AW972091, AW972092, AW969229, AW971740, AW972090, AI432644, AI623302, AI431255, AI431337, AI431351, AI432654, AW128900, AI432658, AI432674, AI432661, AI431346, AI791349, AI432675, AI431353, AI431347, AI432653, AI431230, AI431328, AI431354, AI432655, AI431310, AI431312, AI431241, AI431345, AW081103, AI432677, BE672759, BE672774, AI431254, AI432651, AI432647, AI432665, AI431357, BF448552, AI432673, BE672745, AI432649, AI431243, AI492519, AI431330, AI432672, AI431248, BE672719, AI432662, AI432676, BE672767, BE672749, BE672748, AW128846, AI431340, BE672792, BE672738, AW128897, BF589777, BE672732, AI432664, BE672742, AI432650, BE672744, BE672743, AI431307, AI431316, AI492520, AI432643, AI492509, AI431751, AW128884, AI432657, AI431352, AI431247, AI431356, AI492510, BE672644, AI431308, AI432645, AW129223, BE672626, AB006624, AC018673, Y17793, AX030435, AX030436, AF064854, AR071207, AF019249, and AF048686.
HHFN170	1260	899099	1 - 2355	15 - 2369	AV722410, AW960074, AW956729, AW183039, BF107215, AA046671, AI708530, AA081351, AA046747, AI453527, AI151441, AA682494, AI342481, AI480375, AI470227, N69434, AI091530, AI087965, BE439808, AA693935, W69477, BF940071, H69328, W03259, AV733213, W03670, AI032588, AW293109, AA923465, AI052329, AA693582, AI470914, AW961536, H57840, AA463325, AI160641, AA693904, D63041,

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HLHCH09	1261	899172	1 - 1758	15 - 1772	BE563419, BE907794, BE563484, BE562400, BE743983, BE740414, BE744931, BE561772, BE867597, BE561159, BE728270, BE396947, BE562032, BE549277, BF916738, BE743617, BE250039, BE562362, BE272401, BE746660, BF916759, BG109047, BF970916, BE568812, BE974183, BE541095, BE871927, BE698579, BE871269, BF196344, BE698577, BF037459, BE698578, BF818581, BE698576, BE698574, BF916525, BE305089, BE709697, BF816476, BE8666320, BF676007, BF132539, AW804494, AI312113, BE709749, BF914938, BE927878, AI979207, AA741250, BF677728, BF770846, BE792267, AW009598, BF818090, AW952036, BG123012, BF676772, BE268930, AI590808, N20044, AW192453, BF820875, AA152150, BF835354, BE866069, AA101561, AW583700, N28398, AA483522, BF846233, W76302, BE162549, BE709576, T40695, AI241578, R72982, BG013078, AA224590, BF818208, T87045, BF033572, BF834943, BE241748, BF836755, AI955238, BG010167, R28222, R02633, BF818279, BF803095, AA244018, AW338261, BF770534, T39606, AA304161, AI925871, BF839692, BF868424, T86963, AI864718, AA227408, AI333843, BE350662, R27969, AW994103, T39607, AA215609, T84016, AA149993, AA244075, AA101562, AW190875, AA101519, CI7760, AW510529, BF825235, AA101520, AA404390, AW752957, T73746, BF133227, BF825377, AW996633, AI935684, BF353664, AI304788, AI093487, AI263270, T84017, BF871808, BF353770, R01692, AA641435, BF811982, BF871973, AI280307, BF771639, AA642887, BE006776, AI261914, AI928406, AI193265, BF764560, AI469580, AW999404, BF813934, AI632044, AA359412, AI002582, AV688621, AA626769, BE179555, BF727086, BE561354, AV703327, BE560144, AF111713, AF191495, AF207907, AK026665, AF154005, AF172398, A91699, A91701, AF111714, and AB017568.
HNTAP78	1262	899347	1 - 1712	15 - 1726	BG163314, BE612807, BE613258, AU138191, BG025354, BE274779, BF036129, BG121605, BE891215, AW963297, BG115149, BF980307, BF508712, BE410290, BE881430, BE281331, BE645843, BE775232, AI073520, BE541432, AI620111, BE866612, R70223, BE538395, AA188918, BF091838, AW970295, AI956078, AW003168, BE466532, AA779854, AW237147, AA362079, R67130, AW753744, BE781625, AI439258, AW512289, AA811396, BE047217, AA362557, AA534948,

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HOGEN56	1263	899358	1 - 1060	15 - 1074	BF732391, BF115878, AW083349, BE857199, AA479495, AA479498, AA778607, AL858223, AL151232, BF514171, AW166236, AW328367, AL291374, AL567943, BE396202, AL560253, AL096849, BF732290, AW449943, BF515283, AA628224, N27280, AL191781, AA968918, AW006233, AA761741, R70251, AW405094, AW182126, AL245640, AL269136, AL738471, H00846, AA883484, AA286916, BF529836, AA018465, R38227, BF739796, BE905019, AW001378, H01229, R70296, AA831675, BE795173, AA962361, AA876230, BE882323, R38228, AW889978, and AJ250392.
HWLOU33	1264	899644	1 - 1944	15 - 1958	AL037051, AL040992, AL042909, AL039109, AL045353, AL039423, AL039128, AL045337, AL039386, AL038531, AL044407, AL038025, AL045341, AL037726, AL036973, AW235098, AL038837, AL039659, AL039074, AL039625, AL039108, AL039648, AL039678, AL039629, AL037615, AL037639, AL039410, AL039538, AL036238, AL036196, AL039564, AL036767, AL039566, AL036765, AL044530, AL142134, AL038983, AL039509, AL037727, AL079878, AL039156, AL037436, AL037295, AL037435, AL037027, AL037335, AL049018, AL040576, AL037443, AL037343, AL036167, AL038532, AL037323, AL040370, AL040529, AL037601, AL037049, AL036117, AL040052, AL044186, AL038822, AL041159, AL038838, AL039338, AL043814, AL043923, AL037742, AL039076, AL043845, AL040617, AL043868, AL041577, AL041459, AL044064, AL040294, AL041635, AL044037, AL042135, AL046994, AL040768, AL046850, AL045753, AL041752, AL045684, AL040625, AL041133, AL043570, AL043848, AL041374, AL043627, AL041523, AL041730, AL044074, AL041602, AL043492, AL040839, AL040510, AL043441, AL045671, AL046442, AL036158, AL039316, AL036132, AL046392, AL043677, AL043467, AL044258, AL040444, AL044272, AL040148, AL045920, AL044187, AL040458, AL046914, AL041238, AL045990, AL047170, AL040332, AL041142, AL044199, AL047219, AL044274, AL040745, AL040463, AL047064, AL040128, AL042096, AL040472, AL039077, AL040342, AL041168, AL040322, AL041186, AL039432, AL040119, AL044201, AL040285, AL040571, AL046327, AL044165, AL040091, AL045817, AL041131, AL040090, AL047012, AL047057, AL041292, AL041051, AL040168, AL041346, AL037341, AL041955, AL040414, AL043775, AL041096, AL039744, AL046330, AL041197, AL045989, AL037177, AL047036, AL040553, AL040253, AL040155, AL040082, AL039360, AL045857, AL04040329, AL041358, AL043538, AL041163, AL041324, AL036725, AL041098, AL041277, AL040263, AL043941, AL040604, AL041278, AL040255, AL038043, AL634028, AL906040, AL040621, AL040149, AL040464, AL041227, AL905981, AL037021,

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HPMKP09	1265	899668	1 - 1004	15 - 1018		BG121332, AW237733, AL568189, AA554834, AL340966, AA758744, AW390332, AW015171, BF222170, AA782013, BE242256, AA364840, AV657850, and D14664.
HDPKJ19	1266	899677	1 - 550	15 - 564		H87671, BE734498, BE39520, N47067, AW389158, AW389155, BE547149, AW377529, AA135001, BF805523, BE715066, AW970915, R91931, AA713751, BF828645, AF029308, AC019187, AC010150, AC008040, AC016968, AC007883, AC004889, AC004534, Z95116, AL133448, AL031407, AC006261, AL049829, AC003111, AL117377, AC008417, AL035662, AL031390, and AC008649.
HOEJZ65	1267	900050	1 - 521	15 - 535		BG036858, BE872087, BE905034, BF966497, BF213548, AW163384, AV706875, BE884477, BG036980, BF528079, BG170147, BF981877, AV722208, AV751764, AI751062, AW630274, AL513966, BF793048, AV690719, BF344397, BF038330, AL533472, AV726612, AL532845, AL513902, BE958330, AL533387, AW959013, BE261396, BF030728, BE879170, AV751883, AA149499, W04203, AV750016, AV747947, BE258679, AW016720, AW161328, BE251722, AV653506, AV699051, AA442305, BF337713, AA173092, AI207774, AW167798, AA477898, AA007157, AI796873, AV723355, AW341263, BG166195, AI926867, W28608, BF382704, AV691018, BG036997, BF839826, BF836373, AV696666, AW378695, AA313262, AV714056, AW362041, AA143378, AV723224, BF478034, BE148068, BE075924, AL047951, BE145397, BG168281, AV686365, AV686702, T30402, BF832816, BF352834, AV747996, AV748224, AV749009, AW362012, BF541480, T35344, AW953849, T07918, BE671421, BF445217, BE147213, BF836421, BE148073, BF840305, AW392273, T31755, BF349964, AU122955, H62690, BF834084, D45302, Z78352, AW378690, AW842356, BE870162, U46272, BE006400, BE148024, AW379013, BE006401, BF352941, T05330, BF836391, BF830577, BE006396, BE147860, H74077, BG169120, D56480, AV660165, AV660182, AV660030, AV660134, BE669945, BE147995, BF349976, F11245, BE932272, BE819798, BF836424, BE819804, T35254, AW947200, AW947196, AW947208, N89154, BF088953, AW947206, T30699, BF887330, AW378990, BE142665, BE147862, BF836379, BE707676, N84431, BE877821, BG004815, AW368285, BF887332, Z42416, N88369, AW368304, AW368287, AI908027, BF126354, AV750470, T34830, AI908025, BF914067, BF907228, BE151380, BF366488, BF880046, AA657545, C16730, AA527818, AW753162, BF130432, AI189911, AA486795, BE006405, H01825, W20229, AV749365, AW378679, AW368372, BF699510, AA156847, AV755863, AW381025, AA341227, AI923660, BG249023, AV724880, BE082911, BF350355, BF247240, BF670673, BE083087, BF830578, T93979, BF836420, BF965287, BF832836, AL037578, AA282493, AI355255, BF184469, T31525,

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HHASY37	1268	900177	1 - 980	15 - 994	AL521504, AL518185, AL520428, AF039237, AL533563, AL524052, AL517048, BG169623, AL538440, AL535012, BE392830, BE730889, BE252619, AL526545, AW967000, BE535931, AW605595, BE255566, AU119098, AW815343, BE299275, AA323642, BE873358, BE385297, BE838832, BE383274, AA040646, BF311654, BE795140, BE246779, BE074591, BF344085, BF310013, BE246783, BF754907, AA287125, Z44618, BE388949, BE299103, AW631482, AW386990, R13486, BE907835, T35835, BG165009, Z42306, BG166003, AI750912, AA416805, BE875997, BE467394, BE467376, D31575, BF091946, AC004596, AY007092, and AK021759.
HBXBC08	1269	900230	1 - 2010	15 - 2024	BE277178, BF980634, BE732783, BE744869, BF205108, BE734231, BE902466, BG171519, BF205706, BE793662, BE537334, AA772073, BG035960, BF307828, BE408797, BE251754, BE386724, BE252692, BE881757, BE379030, BF794278, BG178169, BE813829, BE742898, AJ403113, BE909061, BE732299, BE298431, AW327370, BF366342, BF983678, BE734758, BF307853, AV733932, AV734233, BE540445, AA342017, R15335, BE908194, AL043038, AW249080, BF988458, BF856355, AA397954, BG107935, AK026991, and AL136295.
HBXCF11	1270	900775	1 - 3141	15 - 3155	AL538256, AL534957, AL535890, AL536148, AL514132, AL519113, AL537613, AI770054, AV716482, AI028115, AW026538, BG104906, BE881866, BE177946, BG259395, BE253859, BG035496, BE178256, AV708287, BE874653, AV707742, BE178053, AV706986, AW390188, BE884935, AW965125, AV654614, AV731316, BE880413, BE177955, AV704940, BE909390, BE176352, BE439642, AL519112, AW936230, AW579713, BE178452, BF967799, BF966788, AW605194, AA054470, BE894828, AI064769, BE178133, BE178134, BF967364, BG000320, AW364485, BG114793, BE178445, AW364504, BF305052, AW605199, AW390182, BF967036, AW370691, AW936207, BG249152, BF213607, W52428, AA706727, BF306111, AW071923, BF983403, AI955161, BF965762, BF924196, AA573354, AW965985, AW896597, BF326895, AW999142, AI929568, AI584005, AW896608, BF350029, AW956693, AA903139, AI796770, AW235655, AW474685, AI697832, AA855136, BE620553, AI753263, AA946958, AI268463, AI679424, AI623809, AI801030, AI925466, AI570025, AI978755, AI422868, AW088410, AI471488, BE467552, BF184423, AI819906, AI028055, AI080517, AI859506, AI167983, BG036758, AI268444, AI359790,

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HKIXQ06	1271	900956	1 - 575	15 - 589	AA450131, AW967962, BF242862, H91351, AW403790, BF438052, AA262026, BF213839, AI480214, W38567, AW605392, AF205633, and AC006205.
HUFDB55	1272	900993	1 - 2157	15 - 2171	AW844103, AW844747, AI732436, AW753854, AA579242, BF341001, BE550265, AI954628, AI763064, AA053424, AI493412, AW134526, AA534814, AI967966, AA053043, AI992267, AI342785, AW969968, AI304542, AW572433, AW844696, AI913775, AI864467, AI733752, AW849201, AW849629, AW852393, AW852392, AW852395, AW852426, AW852464, BE927029, AW852425, AW603439, AW852394, AW852463, BF756667, AW852468, AW852467, AW376406, AW852466, BF747168, BF747199, AI134524, AW938701, AW852427, BF747181, AW603411, AI142134, AI038983, AW970540, AI037727, AW969624, AW969911, AW970070, AW970105, AI039643, AW968190, AI041347, AI039432, AI037443, AI037343, AW970020, AW970069, AW969631, AI037335, AW969625, AW970101, AW969621, AI037436, AW969778, AW970107, AW970118, AW972212, AI037323, AI049018, AW970093, AI038838, AW968150, AI041238, AI047012, AW968207, AI044125, AI047170, AI040463, AW968204, AI047219, AI044162, AW970032, AW970079, AW972154, AI040193, AW969885, AI040621, AI043538, AI047064, AI043496, AI040464, AW968212, AW969632, AW969664, AW973393, AI041324, AW976515, AW970076, AW969653, AI045817, AI041098, AW970119, AW969623, AW969782, AI040119, AI037435, AI041133, AW979228, AW976511, AI044186, AI041096, AI038822, AI040625, AI038532, AI040322, AW970531, AI041163, AW971954, AW969848, AI038761, AI047057, AW969916, AW975876, AW968338, AI040617, AI040510, AI040075, AW974805, AI044037, AW969803, AW979064, AW973772, AW969626, AI040149, AI041358, AW975971, AW971964, AI041296, AW969936, AI043467, AW976510, AW970969, AI041346, AW972736, AW975938, AI041086, AW969961, AW973808, AW973380, AI045684, AW969934, AW969794, AW969648, AW979294, AW973780, AI041246, BE185215, AW968340, AW973127, AI041197, AW969634, AW975157, AI041752, AI040576, AW979090, AW972156, AI043923, AI043814, AI043677, AW973241, AW970535, AI041635, AI040839, AW973219, AI043845, AW971965, AI041233, AI040294, AW968196, AI045753, AW969926, AW969756, AI043492, AI041602, AW970074, AW975173, AW975162, AW975255, AW973781, AW973164, AI040553, AI046442, AW975106, AI044064, AW975981, AW979238, AI041459, AW969768, AI044074, AW969677, AI040472, AI041577, AW975692, AI040444, AI041292, AW975046, AI040052, AW975154, AI041730, AI041523, AI043627, AW970095, AI041277, AW970013, AI041159, AW969874, AW971984,

					<p>AW969958, AL041374, AL041955, AW974993, AL046850, AW969651, AL040768, AW970115, AW973097, AW970096, AW974915, AL040155, AW975172, AW970023, AL043848, AW979054, AL043570, AL042135, AF147790, AK024856, AR096545, AR064707, AR066494, AJ276256, AJ276254, I18895, AR073846, AJ230935, AJ276255, AX003207, AJ230902, AX046357, AX047062, AJ244007, I05558, AR023813, I08396, AX006816, X07299, AJ238010, I48927, AR062871, A95051, Z32836, I84553, AJ276253, A92133, I84554, M28262, A02712, AR080470, AR077142, A18053, I06859, AR095492, AX009712, AX011024, A23334, A75888, I70384, AR043601, A60111, A23633, AX020190, AX001322, A18050, AX012337, AR083151, I60241, I60242, AR017907, I66498, I66497, I66496, AR062872, AR007512, I66486, A84772, AX023553, AR062873, AR085082, AR085089, AR085091, AX023548, A84776, A84773, A84775, A84774, AR067731, AX026824, AX026823, AR085079, AR085083, AR067732, AR088705, A58522, A91750, AX035462, AJ230951, AX047063, I15718, AX009487, A60212, A60209, A60210, A60211, A02710, E12615, AX018504, AR035193, A07700, AX027811, AX027809, A13392, A13393, A43189, A43188, AX027813, AX030369, AX030368, E13740, AR027100, I28266, AX027812, AX035980, AX027810, AX027816, AX027817, AX027818, AX027814, I21869, I13349, A22738, A20702, AR093385, A10361, AJ231009, A20700, AR074365, AR060234, AJ230867, I15717, A35536, A35537, AR038762, A11245, A02135, A04663, A02136, A04664, Y16359, AX033488, AX033489, AX033490, AX033474, AX033486, AX033487, D78345, I08395, A58524, AJ270780, AX003194, AX028305, AB043473, AR093383, I08389, A58523, I62368, AR031566, A85395, A85476, E03627, I66495, AX030435, I66494, AJ244003, AJ244004, AJ244005, I66487, A90655, A93016, I44681, I03331, I00682, I08051, AJ230972, X83865, A86792, AX021518, A98767, A20699, E14304, A77094, A77095, A11623, E00609, A11624, E00696, AR031488, I13521, E00697, A81878, I52048, A93963, A93964, A27396, I63120, AR069374, A95117, I49890, I44531, A11178, E01007, AR069375, AX006821, AX042377, AR037157, AR054109, AR091518, AR072535, A64973, AX042375, AR091393, AX032758, AR069650, AX001330, AX042373, E03813, A25909, AR095490, AX006823, AR079804, AX003206, AR095491, A91965, A24783, I44516, A24782, AR093384, AX008555, A70040, I66482, AR009151, I66485, I66483, I66484, E16678, AX004550, A82653, AX036660, AX036661, AR038066, AR027099, E16636, AX032992, AX032993, AR051652, AR072540, Y09813, AX042372, AR038855, AR093392, AR051651, E12584, and AR064706.</p>
HFPLY39	1273	901208	1 - 1878	15 - 1892	<p>AL534231, AL532581, AL532760, BG254686, BF970832, BF971123, BF978854, BG104688, AV701187, AW814788, BG030686, BF700138, AV726823, BF692081, AW814838, AV706719, AW814744, BE906108, BF668244, BF792095, AV700348, BE565178, AW392336, BF245582, BF211573, AW369758, BE934654, AW609730,</p>

					<p>BF695763, AW392335, AI654807, BG255650, AW376816, BF572978, BE565024, BG166816, AI676234, AI912807, AA977227, AW173531, AI686231, AW195022, AW848986, AI741281, AA209534, AI470151, AW206188, BF739938, AW118731, BE218839, BF110570, BE549791, AW376512, AA582181, H07011, AI653888, BF678021, AI911756, AI693642, BF447673, AW848793, AI094199, BF444989, AV747180, AI828188, AI040162, AW959854, AI609784, R11916, AW001801, AI669623, AI418152, AI261249, W86201, AI689769, AW998963, AI826215, AA558969, AA969834, BE771077, HI0314, BF239957, AW615001, AI571030, AA593130, AA564340, AA576707, W86202, AI268784, BF700045, AI873726, H05460, BE326519, AI222858, AW510593, BG055321, AA313455, AI191319, T74710, AA928887, AW440358, BF768904, BF432222, AI648488, AW904441, AA214585, AI740709, F13055, F10647, F10302, AA082028, AA450348, BF375212, AA610116, AA410464, AW630261, R25727, W22687, AW510451, AW161865, AA364604, N29515, Z44533, T32004, BE771070, R40664, AW779529, H29792, F12693, T75297, AV749715, H27091, AI535998, HI0315, AA938480, R39185, AI215974, BF372814, BF900359, R43583, AI216546, AW630172, BF154410, AA588670, H29791, AW515130, AI867260, AV747993, AA450349, N57459, BE771043, R75755, R95668, AW955723, AA410463, BF854584, AA507494, BF854645, N55955, T16886, BE694389, R40603, BF154793, AW139276, BF854417, R13124, BF854418, R14338, AA365742, BF854644, AA760957, BF854590, BE771082, AI908609, AA513040, AI216125, AW843101, R62471, AA211059, D45752, AF100759, AF120265, AK026587, and AK000631.</p>
HUFAY01	1274	901287	1 - 1982	15 - 1996	<p>AL518765, AL518764, BE740716, BE727421, BE901928, AI805720, BF035254, AI375187, BF973848, BF980889, AL522595, BG055142, BE889402, BG031833, BE790201, AI819851, AI740753, AI683950, AA733074, BE311621, BF683552, BE407271, BF224450, AL522594, AW885558, BF433514, BG059575, BF341341, BE856853, BF877859, BG150114, AI290688, BE467058, AI469346, AI247277, AI524822, BE551391, AW613187, AW290983, AA304833, AI097608, AI312775, AI042059, AA531503, AW629604, BE844029, BE302805, AI312779, AI633056, AA583309, AI284993, BE938564, AW380334, BF748600, AA533234, BF740458, BF062710, AI684618, AA604862, AA034045, BE150213, W88995, AI991473, BE062968, AI479280, AI433421, AW605985, AW605976, W89086, AW605971, BE881249, BG056761, BE880988, BF197438, AW605978, AI783763, F27867, AW605983, BF431527, BE300500, AI269336, AW732929, BE843923, BF847402, T98012, AW302358, AA770498, R11941, BF032382, AW207899, AW130747, AI078550, BF090281, AI826595, BE076400, AI453832, W00351, BE775286, AI280387, AA903189, T98091, AA302063, AI582432, BE165638, AW591805, BE302820, BF868920, AI624010, R37031, AW295319, AA432285, AW779775, AA371667, BG166892, AI364689, AI859212,</p>

					AA033787, F37362, AA428630, AI916395, AA468284, AA468249, BE092428, BF935622, AI281123, AW372592, AI498356, BF081923, AA705369, AA468208, BE779570, AI015985, AI432644, AI623302, AI431307, AI431316, AI431238, AI431323, AW081103, AI432653, AI431315, AI432666, AI431321, BF698217, AI432650, AL042729, AW858522, AW772685, AL047611, AW983701, AW968355, AL134524, AL042655, AL042853, AI432654, AL042533, AI431246, AI431235, AL135012, AL042931, BF343056, AL042488, BE879627, AL046356, AL042787, AL045891, AL043089, AL043166, AL042515, AI610411, AL043321, BE672759, AL045327, AL042745, BF726322, BF726868, BG032625, BF726234, BG106905, BE539580, BE875644, BE883591, BG167830, AL043152, BE885490, AL040207, AI866786, AI564988, AL042898, AL043239, BF341855, BG033776, AW058275, AL041862, AW149232, AL043091, AI440260, AI537677, AI494201, AI804505, AI815239, AI500659, AI866465, BF340067, AI815232, AI801325, AI866691, AI500523, AI538850, BE018334, AI887775, AI582932, AI872423, AI590043, AI923989, AI284517, AW194509, AI365404, AC008760, AX030435, AL133053, AL133049, Y17793, AI122101, AL133076, AC007458, E02914, AF019249, AF116691, AL133074, AI131955, AL133607, X66975, AL122049, AX040958, AL137292, AF183393, AK024570, E13998, X00861, AF113019, AL133084, AL133070, AX040974, E12579, AL049423, U30290, AF084644, AF084645, AF155119, AF119859, AL133608, A57389, I48978, AF124396, AR050959, AF082324, D44497, AL162062, U80919, U49434, AR083279, AF112208, AL022170, A15345, AL162008, AB048974, A90832, AK027182, AF199509, AL133015, AK024546, X97332, E12888, X82434, AF148129, AL133655, AF102166, A70386, AL137463, AL049300, AF119875, AK027209, A27171, AL133072, AX025493, AF218031, X89102, I80062, Y00093, AF119908, AF182215, A30331, AB048964, AK026480, AL133640, AK026797, AL442082, AX046749, E08443, AL135399, AL355365, U89335, AK026389, S68736, AF111851, AF143957, AF130092, AB049853, S69510, AF100752, I48979, AL133051, AC004971, AL138976, AC012315, AL359618, AF056191, AL122110, AX016706, AL122103, U70981, AL157480, AL133080, AR015970, AF118070, AL133081, AL080110, AF111849, Y17607, AL137284, AL133077, AK025484, AL359620, AL389982, AL008706, I17767, AF314091, I09517, I40161, I91798, AL359941, AK026597, AK026164, AB047941, X59812, AK025798, AF119857, AF118558, S83440, AF208026, AC003686, AL009179, and AL445143.
НАНОК43	1275	901386	1 - 1766	15 - 1780	BE741108, BE562785, BF853420, BE222910, BG253535, BE393668, BF215586, AW083493, AW364814, BE902074, AA888116, AW440785, AA837808, AU150860, AI922963, AW665244, X3399933, AI335975, AU148870, AW008506, AU278245, BE903725, C04905, AW182620, AW664019, AA587046, AW888964, AI082044, AA293743, AA155590, AA937213, AA985577, BE677337, AW070770, AI307135,

					AI738945, AA631571, BG168071, AA293452, AA293367, AA394061, AI129229, BG150773, AA614317, AA459905, AA912994, T77956, W73545, AA129608, H48658, T56784, BF887488, R55255, AA886910, H49569, BF927775, T56785, AW469778, AI191193, AU135563, AA775904, AI698484, AA292341, Z44010, Z40062, H48491, BE222970, T99543, AI826173, BF884938, BE045480, AA852177, AA988337, AI955991, W31595, AW009439, AI381811, AU156137, F05090, R55256, F01344, AL530521, W73423, T99438, BF988088, AU125147, BE932823, AA293052, BF887474, BF128563, AA285248, AL530184, AI524670, AI982644, BE258888, AW605259, AW840701, BE266522, BE728844, AA155605, AI766741, and AK022937.
HETHC61	1276	901421	1 - 1363	15 - 1377	AW959307, AW510737, AW162943, BG149664, BF109891, AI590817, AI492171, AI168081, AA831769, BF513861, R25716, AA359492, BE711112, AW238299, R62460, AW379689, C02578, BF836799, BE048370, AW241754, AW243207, AI034221, AW998729, and AL355497.
HNSME80	1277	901436	1 - 2144	15 - 2158	AL519042, AL041512, AI467869, BE872575, BF691117, AI819953, BF590283, BF590356, BF216735, AI818938, BG169133, AU154066, AW952794, BF061587, BG253568, AU149303, BF665091, BF217445, AU153062, AI769146, BE856655, BF246345, AI346009, AW273046, AI818956, AI041737, AA704098, BF571609, AI305210, AI024481, BF109889, AI305206, AI754529, BG110714, AI379159, AA460602, AU125696, AA608730, AI333572, BF244360, AA461530, AI284854, N69958, AI942365, AA857186, AI347927, AI164468, AW339594, AA613573, AA669218, BF246880, AW368542, AA194165, BF448903, AV724660, AI282940, AI804448, AI375848, AA194166, AI474197, AA164469, AI039184, AV739028, AA356075, AI683316, BF569131, T10012, BE545239, BF218871, BF035458, AA236052, F08766, Z41800, T32159, T33888, AI802220, T05337, AA705349, AK024258, AB028961, U87791, AL137664, and AF087672.
H6EDK67	1278	901529	1 - 833	15 - 847	BE621805, AI740538, AI991063, BF968565, AW665241, AI816235, AA989369, AI816180, AW955914, BE880589, AI568003, BG058595, AI879047, AW337566, BF513795, AI815804, AI401701, BF680529, AA992003, AA887219, AA314893, BE790348, AI193891, AA991962, AI870871, AI129251, AA938974, AI937894, AI816312, BE620995, BE965457, AA417644, AA972057, AI816219, AA411565, AA984034, AI815497, AI493664, AA419548, AA410528, AA985561, BE327241, AI969199, AA234347, AA523589, AI201484, AW583860, AA738149, AW796566, AA639075, AA714943, AW796467, AA661984, BF378477, AW371214, AI373806, AV685470, D11909, AW796524, BF998677, AI698157, AA308942, AI220909, C21419, AI698146, AA165132, AA054834, AI420464, AA644345, BF809980, T81127, AI933854, AI015791, AW104613, AV750172, AI784278, BG259848, BF222330, AW796465, AA299888, BE084677, AI014584, AV721755, J05069, and AB022714.

HMSCY51	1279	901561	1 - 2232	15 - 2246	
				<p> BE742141, AI147040, BE899372, BE798880, BE728450, BE898463, BG036055, BG116527, BF035903, BE745866, BF981569, AI300527, BF983770, BG112873, BE513205, BE312862, AW954404, BE618141, BE395723, BE873567, BG178054, BG028619, BF984383, BE793517, BG112301, AA587377, AL526009, BF348244, BF037981, BG110999, BG054830, AW262596, BG026904, AI749037, BF968971, BE393230, BF344098, BF036816, BF063379, BF036180, AW249503, BG256893, BF037474, BF982694, BG248357, BE795630, BF805099, BE293247, BG231995, BE312166, AI754474, BE090335, BE257263, AL526063, AA833883, AI680852, AW957489, AI150184, BE263578, BE931598, AI928189, AA740785, AA451894, AI963804, AA745848, BG117900, AA037128, BG024075, AW615399, AA922673, AA480894, AW182778, BE719811, AI422459, AI362272, BE899052, AA480952, AV722562, AW250268, BE314685, BE303058, BG110401, BE836085, AA602363, AI356068, N36889, BE178980, BF439421, AA037508, AI832951, AW118884, BG056311, AW084887, AW401878, BF917245, AW614905, W70034, AA629610, AA635280, AW368704, AA452082, AI799103, H82753, AA831343, AA045097, AI885257, AW770259, BF940547, BE301334, AI369408, AI266141, AW340229, BE513415, AA047171, BF112113, AA994830, BE143228, AA687184, AA282268, AA838838, AI031734, AI262401, BF759403, BE674986, AI028014, N69029, BF854344, BE208015, AA522833, AI798549, AI360652, AI369135, AW514771, BE539789, AI400299, R66211, AW024945, AI982743, AI129681, AA780100, AA026868, T63572, H59917, AI380625, N24421, AA862874, AA620584, BG023931, AA114004, AA568994, BE304750, AA872075, H84444, H42030, T63497, BE933489, BE810852, AA114064, AA610253, AI865993, AI027712, BE348870, AI363863, AA622188, AA019035, AI281344, AA581941, AI285021, AI954518, AW375991, AI393720, AA887725, AI492724, AA297718, AW407782, AI350152, H99631, AA302917, Z44568, AI242981, AA024859, BG023781, AA600960, R18087, AA836524, BF894564, AA026867, AI217817, AW264702, AA031944, AI092794, AA024942, AI266633, AI961326, Z41705, AI521014, AA298499, H42029, AI720237, BE673180, N46163, U46275, AA530996, AA745626, AI079633, AI830714, AA282269, AA714572, AA297928, BF854346, BE873865, BF351017, AA057042, AA045009, AA039801, H28692, AI214663, AA714571, AA297503, R42980, BF891017, AI289504, AA810998, AW998750, BF374144, AW847201, AA915959, BF830907, AW407164, AA032064, H41001, AA782807, AI701301, AA947311, H59918, H83630, AA814257, AI285355, BE164318, AA251017, BE872218, BF062919, AW607356, H84443, AW797132, AW797252, T24665, AW751024, AX035212, AL137440, AK024622, AF002672, AL137555, AL049314, X65873, AL133049, AF090900, AK026631, AF106657, AK024524, AF183393, AK024992, AL137530, X66862, A27171, AL133072, AF116631, AF069506, AF218023, </p>	

					<p>AK026592, AF113019, AF119875, AK025424, AL137529, AL353956, AR081734, AY004290, AF267849, AF056191, I48978, AF013249, I32738, AF182215, AF260436, AF090943, AL049382, AL050172, AL137558, AF119894, AK025092, AF132730, E04257, U72621, AF143723, AL161964, AF287051, Z97214, AF116698, AK026542, AF116639, AF118070, AF038847, AF232009, AB007812, I09499, AL157431, AF115410, AL389957, AK025113, A57389, E12579, S33987, I89947, X63410, U92992, AK000476, A41575, AK024545, AF036268, AK000653, AF017437, AF113677, AF217966, AL080140, AF208850, S68736, AF107847, U90884, AF176651, AK027146, AF004162, E02221, AL122110, AL133084, AK025339, AF031147, AF175983, AK026504, AF119899, X99257, AL133081, AF159148, AF254119, AF061795, AF151685, U35846, AF081197, AF081195, AF111851, AF119909, AK025798, AL133557, AL117435, AL080129, AF116691, AF114170, AK000418, S36676, AF218005, AK000083, AF159615, AK025435, AL133075, AL137284, AL110228, AF102578, AL110225, AF207829, X81464, AF314091, AL359624, AB025103, AL137459, AJ238278, AL080127, S77771, AL122045, AF208026, X98066, AF118092, AL110296, AF116654, AL023657, AF108357, AL137533, AL137268, AF026816, A18777, S75997, AF130056, A86558, X54971, AL137488, AL137550, AF116688, L13297, S63521, AL049460, X80340, AL050280, AL122098, E01963, S69510, AL137660, AL389935, X93495, AF057300, AF057299, AB047904, M86826, A15345, AF100931, AK026894, AF145233, U75370, A08913, X63162, AK026749, AK027221, AL390139, AL050092, AF032666, I89931, Y10655, AL137657, AR075041, AK026583, AF119865, AK027103, A08912, AK025484, A08910, A08911, I48979, AR087170, AL117635, AF169154, A08909, AF113694, AK024588, AK027095, Z72491, AF076633, U95114, AB041611, AF112208, AF137367, AR038854, A08907, AF119883, AL136884, AK026494, AL359941, AK025573, A08908, L19437, AF130055, U76419, AL137560, AL133640, AL137271, AB026675, AF114818, AB051158, S82852, AB044547, AK024855, AF130099, AL137656, U78525, I91798, X93328, AF130110, X53587, S76508, A03736, AF104032, AL133665, I89934, I68732, AK026591, AK000263, AF013214, S61953, AL050015, AL122049, AF118064, X79812, AB048964, AF036941, AL050024, AL137478, AA887447, and R29356.</p>
HTXMM2 7	1280	901592	1 - 933	15 - 947	<p>BG107935, AA421156, AW263208, AW778811, AI860213, AW438684, BG178169, AA427665, AW467358, BG167807, BE909061, AA397954, AV740176, AW675564, AI348480, AW004828, AI129055, AW070768, AW068454, R42232, AW769032, AI800035, AW081957, AI695650, AI520752, AV734233, AI206299, AA935849, AA204944, AW769340, AV733932, AW248645, AW263189, AI656757, AW769555, AA342016, AA035137, AA576268, AA293754, AA361461, AW573223, AW135932, BF737443, BE742898, AA330688, AA503645, AA342017, AI917771, AI421042, AW007750, BG151170, AK026991, and AL136295.</p>

HTXPO61	1281	901690	1 - 1157	15 - 1171	BF035730, BF313196, BF701446, BE869580, AW794763, BE782604, AL046382, BF982786, BE958004, BE903867, AA009408, H00384, BF976631, AL526395, R35100, BE542872, R72960, T77525, AA318121, N57136, AA368236, R31846, BF771825, R13455, H27802, AW062921, AA512981, AW964791, AW367721, AA340393, BF997760, AA053914, BG025980, R53894, AA018884, R85166, BF927366, H80784, AA018121, AA016154, AR079030, AF069307, AF081571, AL096737, AF116241, and AF080067.
HLWAM6 2	1282	902115	1 - 1293	15 - 1307	AL518805, AL518333, AL518968, AL535793, AL530587, AL515587, AL514800, AL515494, AL534633, AL532669, AL518527, BF981426, BF526011, BG259839, BF337531, BG250594, AL518080, BF530993, BG259340, BF343800, BF337154, BF347094, BF793276, BF346036, BE892843, BF527646, BF337868, BG025108, BF348083, BG034329, BE261745, BF526625, BF344474, BF339116, BE262889, BG033117, BF527712, BE893935, BF033885, AL518786, BG120349, BF345570, BE313071, BF341785, BF304377, BE782496, BE260138, BE312363, BE779190, BF724156, BG026556, BE909963, BF342586, BE618263, BF316097, AA291359, AI792419, BF950119, BF087469, AV722651, W39535, BF033260, AL036384, BF949074, AA682331, M78898, AA306383, BF838150, BF906852, BE314662, AW403222, H23306, H53246, W39534, AW161481, BE842849, BF840201, BF949007, T33857, AW900165, R35030, W52623, BF156037, AW295067, AA351621, T95800, N36204, AA349842, R66500, AA351491, AA158690, AA128062, AL518785, BF361858, BE839984, AW938099, BE247341, BG112672, BF724143, BG030156, R81530, W45233, BF337835, AV748402, AA300719, AV746692, AA318187, BF311257, AL518332, BF760391, AL518526, BF949306, BE835080, AA351343, AW603824, AL515586, T19717, Z41855, T32175, BF081178, AA339335, AW378580, BE171248, AW239398, AL518804, BF949302, R45827, BF927559, BF920837, AA332614, AA354300, BE763425, BF927560, BE247452, BF526148, AF272043, AF272044, and AB030199.
HFXLK46	1283	902129	1 - 1233	15 - 1247	T02924, A38246, A11524, and AR029497.
HBMXK78	1284	902144	1 - 1470	15 - 1484	AV714287, AI912618, BE222303, BE673348, AW020096, AI632584, AI690052, AW675741, AV707783, AV706183, AV728270, AV702427, AV706724, AV726505, AV725927, AI263803, AV702637, AV727932, AV706746, AV701611, AV659189, AV704974, AV709407, AV725369, AV702798, AV732149, AV730781, AV723449, AV730288, AV751921, AV753374, AV705020, AV704916, AI003550, AV658362, AV752043, AV731744, AV731313, AV704592, AV728777, AV662191, AV701320, AV731708, AV726067, AV751555, AV730547, AW023393, AV726674, AV755874, AV757088, AV731915, N51299, AV731977, AV731043, AV732002, AV731694, AV710534, AV746276, AV761270, AV714368, AV732353, AV728872, AV730165, AV730711, AV724987, AV732155, AV731275, AV729983, AV731759, AV732653,

AV730171, AV732746, AV701237, AV752443, AV75281, AV751573, AV760693, AV745415, AV711567, AV726738, AV761002, AV711240, AV711496, AV710938, AV705263, AV752684, AV745906, AV730816, AV732089, AV727103, AV710417, AV752447, AV710825, AV755473, AV757553, AV729357, AV758133, AV702671, AV701783, AV758481, AV709935, AV758003, AV707589, AV707088, AV746382, AV733303, AV726480, AV703417, AV706104, AV756895, AV710375, AV728715, AV707117, AV707171, AV702787, AV702869, AV706047, AV757171, AV702954, AV647654, AV701728, AV729129, AV652808, AV702498, AV726830, AV727355, AV710562, AV704981, AV707690, AV705280, AV703012, AV763669, AV706683, AV763440, AV711274, AV703591, AV707686, AV710906, AV704611, AV705234, AV723452, AV757281, AV755335, AV704605, AV706234, AV706453, AV757864, AV710421, AV707882, AV706889, AV656240, AV706035, AV703367, AV729220, AV726392, AV646736, AV757671, AV652547, AV707948, AV702409, AV706025, AV730456, AV706527, AV706220, AV732255, AV707685, AV703232, AV702026, AV727576, AV710891, AV728289, AV730866, AV701538, AV728455, AV706814, AV756386, AV702354, AV706318, AV697638, AV741227, AV701496, AV706989, AV701560, AV688061, AV703388, AV757686, AV702537, AV656004, AV687176, AV652156, AV653845, AV745756, AV726754, AV704116, AV726624, AV706910, AV725387, AV708347, AV757262, AV701410, AV755783, AV721645, AV709897, AV757887, AV758766, AV705662, AV728884, AV756897, AV725386, AV707304, AV702581, AV704924, AV752993, AV755714, AV759183, AV705504, AV707798, AV709356, AV701499, AV706662, AV709025, AV699156, AV707769, AV730778, AV704279, AV758022, AV711185, AV702792, AV721318, AV730859, AV733811, AV726681, AV762873, AV701851, AV705416, AV685688, AV726520, AV705047, AV707556, AV763171, AV756053, AV709635, AV706337, AV726559, AV690752, AV704378, AV708809, AV699247, AV705343, AV731793, AX020190, AR088705, AR079804, AR091393, AR017907, AX008555, AX035462, II3349, AX032758, AX009712, AX035980, A91965, AX046332, I66498, I66495, I66494, I66487, I66481, I66497, I66496, I66486, I66482, I66488, I66489, I66485, I66484, I66483, AR089207, AR089206, AR089208, AR089205, I66490, I66491, I66492, I66493, A83642, A83643, A83151, X81969, AR075286, I05488, A60961, A60977, A91752, I08196, AX006823, A32110, AR069362, AX021518, A68112, A68104, AR028564, A06419, A21892, AX033247, A23997, AX033249, A68114, A58524, A89633, A89634, AX006821, AX008865, AR067731, AX008867, AX027908, AX027904, AR037157, AR054109, AX027906, AX008868, A21895, A25909, AR073846, AR067732, A58523, A84772, A47368, AX008265, A05160, A08030, A20502, A86792, A58522, II9516, A20702, II9517, AR062872, AR027319, A84776, A91751, A84773, A84775, A76773, AR062873,					
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HB8TF48	1285	902236	1 - 2914	15 - 2928	<p>AL526833, AU123880, AU137327, BF983995, A1796539, AW964758, AW749061, BF691721, BF032001, AI301961, BF478190, AW027599, BG105255, AW964759, BE467411, AW665584, AW044582, AW235667, AI828213, AA075557, AI142288, AA554366, AA194931, AI453084, AI638321, AW205060, AW964763, BG165531, BF977077, AI377198, AI979164, BE857620, AI216072, AA449002, AA194932, AU157132, BE940580, D80402, BE541946, AI216074, W93936, AW964764, AA524862, N63060, AW612652, AA962391, AA195588, D80401, AA180173, AA075562, AI693460, W93935, AI539364, AI208013, AA243504, AA180147, AI439529, AI358753, AA862884, BF241341, N46536, AA85417, AW137240, AV750595, AI758401, AA243357, BF222352, AA450312, BF197943, AI806439, AA983410, BF675430, AA339971, AI682244, BE782800, AI765882, AW102693, T89241, AA213530, AW085973, H88454, AA249662, AA422037, H88386, AW661910, AI365170, AW589679, AA862164, AA093684, D81650, AA884124, AV730964, AV731294, AA194884, AA431104, AA757061, BE670876, AW519221, BF814152, AA249563, AK000737, AL117531, and AK001992.</p>
HMUAL57	1286	902291	1 - 1410	15 - 1424	<p>AI924533, BE047851, AI863101, AW088579, AW009943, AI659089, AA478318, AI821674, AL119457, AW089272, AI042544, AL119399, AI042382, BG032704,</p>

AL079794, BG168696, BG256090, AW149227, BF970990, BG113299, AW827206, BE171225, BG110684, BE910373, AI909642, AI273142, BG168646, AI499381, BF924882, BG120816, AW150578, BG168640, BF339322, BE048071, AW088903, AI564247, BG249582, BG026714, BE895585, AI890223, AL045266, BE968552, BF828567, BE047737, AI801544, AI802542, BF089711, AI610362, AI497733, AI539808, AL042628, AW877209, AW071417, BE895714, BG035511, AW129106, AI921248, AI349004, BG027280, AL079741, BG180034, AW827228, BG164371, BG031815, BF812933, AW268220, BF792469, AI270707, AI820923, AW087445, AL134830, BF341801, AI584140, AI475394, AI247193, BG113385, AI269862, BF971336, BF527014, AL039276, BF970449, AW827289, BE047852, BF338723, AI499263, BE876033, BG032208, AW827276, AI364788, AI345416, AI345612, AV682051, BF038131, AW082113, AL045500, BE887488, AW169653, BE904178, BF032768, AI800453, BE874133, AV732865, AW071349, BE047952, AI862144, AW083804, AI591316, AL036980, AI433037, AI623396, AI269205, BG251840, AL514929, BG252040, AI275175, AW059837, C16221, AV682333, AL040243, AL047763, BF968205, AI612885, AW190042, BF343172, AI800433, BE785868, BG164558, AI873604, AV708622, AI859511, AI537273, BG168549, AI433976, AI922901, AI274508, AI796743, BF915208, BG026428, BF795712, BG257535, AI636456, BE963035, BF971016, AI620284, BG110517, AI524671, BG260037, BG036506, AI349598, AI433157, AI284131, AI86753, BG252929, BE880182, AI648684, BG105895, BF812961, BE886728, AI539771, AI916419, AL042538, AA279293, BE621256, AI668893, BE875407, BE172767, AI633419, AI500146, BF792961, AI537677, AI538085, AV734591, AI500659, BE967147, BE879911, AV682264, AI801325, AI824746, BF812438, AI500523, AI868831, AL042551, AI538716, AI284517, AI857296, AI500706, AI590120, AI445237, AI491776, AW151138, AI632408, AL515375, AW301505, AI828731, AI702406, AI500662, AL036146, AW088134, AW302988, BG118199, AI633493, BE047863, AI648663, AI801152, BF726198, BF337043, AI559296, AI498579, AI684234, AI872545, AI862139, AW132056, BF968907, AV710608, AI621209, AI308032, AI280747, AI696612, BG058398, AI383919, AI890833, BG179993, AW946806, AI926790, AI520862, AI564719, BG036846, BF814335, AI889376, BG112718, BF812960, BF970768, AI784252, AI569579, AI468872, AA287231, AV681859, AI514819, BE620444, BE781369, BF055737, AI554344, AI287326, AA427700, BF816042, AI571909, AI619502, AI677796, AI872711, BF339594, AF118070, AL157431, Y11587, I89947, AF119875, I48979, I48978, AF106862, AK000083, X82434, AK024538, X84990, AF116691, AL390167, AL133640, AJ242859, AL117585, AI049382, AF158248, AL389982, AK000652, AK026592, A08916, A08913, I89931, AR087170, AK026959, AF314091, AL110225, AK000618, AL133016, AF118064, AL133080, AB041801,

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HWCAD8 5	1287	902684	1 - 1531	15 - 1545	<p>BE256927, BE257400, BE255129, AW975981, AW975941, AW973821, AW973789, AW969694, AW979076, AW975596, AW971953, AW975626, AW976024, AW973397, AW973819, AW979090, AW979295, AW973254, AW975217, AW969698, AW969988, AW975952, AW972879, AW973762, AW969921, AW970915, AW979204, AW975592, AW974109, AW970896, AW979037, AW972783, AW971975, AW975650, AW975971, AW972871, AW975266, AW975049, AW972440, AW968338, AW979093, AW969772, AW970927, AW973777, AW979269, AW968148, AW972769, AW972799, AW974932,</p>

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HLWCJ37	1288	902841	1 - 1755	15 - 1769	BF056859, AI950360, BG236479, AA236217, AI361031, AA418443, BF108683, BF591089, AI128844, BF475316, AA234138, BF594184, BE670221, AA757278, AI342632, AI361934, AW293218, AI765582, AI703156, AI128275, AI949635, AA056658, BF224126, AW057598, AI361461, AA056410, AI830753, AA172040, AI146443, AI767963, N31643, BF224128, N27174, AI829376, AI188960, AI949283, AI290703, AI335683, AI681942, AA172194, BF447701, N39919, AA557621, AI681350, N57105, AA128162, N31647, AW237789, AI033224, BF589027, AW004907, AI735524, AW515103, AW305109, N30714, R62698, BG153411, R76068, AA125975, BF115111, AW105367, AI000265, AI770139, R33815, AW853796, AI474441, AA723866, R08355, R63659, R33814, AV713103, R75891, H93692, N57098, AA703473, AW016556, AI700946, N41328, AA418393, R08399, AW510566, AI767420, BG230833, AL119457, AW877209, AL119399, AL119324, AL042544, AL119443, AW392670, AW804686, Z99396, BE695785, AW861944, AW604723, AL1119497, AL134902, AW858526,

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HUFDC04	1289	903101	1 - 1635	15 - 1649	AL519891, AL524462, AL528554, AL522938, AL522937, AL528553, AL529656, BE798758, BF983928, BG257824, BG121754, BE513077, BE904608, BE891859, BE250848, BE549032, BE893592, BE785735, BE384544, AL524441, AW958027, BE882183, AL525221, BE512679, AI199103, AA604404, AI735406, AI7109298, AA393099, AA191001, AA205313, BE867661, AW025239, BF445953, AI457327, AI421414, N52379, AI278017, AI720720, AI829849, AW004793, BE220525, N20562, AI033280, AI092515, AW299827, AA595242, N38928, AA885902, N21453, AI202803, AA236451, AI161131, AA568605, AI017854, AI937534, H48327, AI359411, H53775, AI080378, R61207, BE702135, AW079295, AA191126, AA664829, AA412120, AA296938, AA298748, BF743417, AI341364, BF742340, AV646502, BF743749, AI128992, N46499, AA234485, H69040, H48236, BF800105, BF743467, AV646612, BF743472, AA456724, AA931424, H75686, H75378, BE767348, BE767350, R64510, H60941, R61206, AL525220, BF762117, AI928767, AI254208, H60854, R26385, AI678568, AA298572, AA297167, AI206697, AA296840, AA917535, AV744530, BF700808, BF087607, AV736619, R65602, AA310892, H53825, H92760, BF742338, H75372, BF953770, BE073136, N72786, BF754905, BF696176, AI978889, AW001569, BG110519, BF825964, and AV646784.
HHEXO15	1290	903309	1 - 892	15 - 906	BF793677, BG030159, BF968107, BF971167, BG034696, BG031029, BE256879, AL535052, BG113339, BG168461, BG166970, BF029990, AV710467, BG163707, BF184956, BE878076, BF571367, BF683278, BF677752, BG028333, BF103812, AA479559, AW301038, AW081643, BG112033, BF183860, BF541112, AI028278, BE879546, BF213193, AW130434, BF030176, BF665269, BF132139, BF700007, AW131303, AW131295, AI955122, AI422293, BF382241, BF130738, AW083308, AI672869, BE909361, BF381820, BE744389, BE855465, BE546966, BF540976, BF032082, BF977978, AI878995, AW327347, BF977675, AI281194, AA633512, AI351044, AI097413, AA477638, BE788872, AI560983, AA813514, AV747127,

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HE8NI05	1291	903697	1 - 752	15 - 766	<p>AL134851, AW966053, AW975618, AW978634, AV723927, AV719188, AV699447, AV699550, D57483, AW978661, D80253, D51423, AW949641, D81030, D59859, AW973307, AW966534, AW959202, AW975621, D80166, AW966531, D59619, D80210, D80240, AW949653, D51799, AW960553, AW966041, AV719822, AV718489, AV718692, AV720211, AV699927, D80227, D58283, AV719324, AW949656, D80212, AW949642, AV719557, AV720731, AV722801, AW966013, D59889, D80219, D80188, D80195, AW959799, AW975605, AW966054, AV718440, AV719783, AV720028, D80391, D59610, AV720203, AW966050, D80043, AV720464, D80269, AW966062, AW959597, AW959628, AW965177, AW959570, AV718800, AW949645, AV718931, AV718844, AW949657, AV718770, AV724520, D80366, AW949633, D80196, AW965158, AV718633, AW978648, AW964488, AV720791, D59927, AW949631, AW949643, AW949618, AW949655, D80038, AW949629, AW960465, D80193, AW959582, D80241, D80022, AV719468, D80024, D59502, AV721386, D59275,</p>

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H2CBP53	1292	903718	1 - 1613	15 - 1627	<p> AL515603, AL517389, AL522802, BE274953, AL519414, BE733941, BE746750, AW963023, BG107046, BE910239, BG170496, BF981175, BE884855, BE896793, BF983691, BF982001, BE892987, AL525500, AW968941, BG106044, BE262424, </p>

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HDPPP18	1293	903850	1 - 1504	15 - 1518	<p>AL529496, AV681504, AV681500, AV681462, AV681497, AV645385, AV681529, AV645317, AV645392, AV681495, AV681465, AV681507, AV681526, AV681512, AV645393, AV645390, AV645336, AV681492, AV681509, AV681525, AV681505, AV681471, AV681502, AV681486, AV681483, AV681464, AV681506, AV681523, AV681519, AV681487, BF843303, AV645358, AV681513, AW971745, AV681475, AV645383, AV645401, AV645332, AV681510, AV645389, AV645377, AV645379, AV645369, AV645321, AV681527, AV681501, AV645400, AV645404, AV645353, AV681458, AV645380, AV645334, AV681528, AV681514, AV681474, AV645339, AV681477, AV681491, AV681472, AW162917, AV681488, AI271850, BE614237, AV681461, BE613349, BE612945, BE622828, BE613070, BE614307, BE613136, BE622931, BE621911, BE614230, BE622925, BE618811, BE622868, AV645350, BE620742, BF881526, BE614451, BE245275, BF813104, AV645344, AV681531, BE620756, AV681468, BF894558, BF895385, Z99396, AW604723, AW392670, AW858526, AW858525, U46347, AW804686, AW861889, AW858455, AW363220, AL119484, BE695785, AW861944, AL119457, AW604726, AW384394, AL119497, AL119396, AL119319, AL119439, AL119324, U46351, U46350, AL119391, BE705903,</p>

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HSLFD86	1294	903930	1 - 1591	15 - 1605	
HTLDD85	1295	904049	1 - 1067	15 - 1081	AA778552, AL201364, AI150012, AA876180, AI223025, AW663435, AW304049, AW663514, AA978197, AI223459, T19204, AA903410, AA382504, BF377251, BF376440, BF377259, T36107, AF012359, AA864517, BF377279, T36109, AI352610, BF377252, BF377278, AA868778, AW102794, AW058243, AL513723, AL514015, AI921248, AL513907, F36855, BF792781, AI978703, AI538885, AL118781, AI811603, AW131994, AV736808, AA190341, AI250852, AW827206, AI863466, AI890907, AI049669, AL514867, AI538850, AI677797, AI345688, AL039783, BE966927, BE011880, AI241744, AI571699, AI560099, AW078650, AI690946, AI950100,

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HDTIZ68	1296	904058	1 - 1104	15 - 1118	AV710643, AA682496, A1749928, AV712599, A1871491, AA166695, AA906714, BE972339, AV712475, R16882, T87299, D79690, AV741119, BF875951, AF150302, AV712496, BE241489, R16934, AV653767, AF186114, A79054, AF134715, AF132600, AF116456, AX044406, AF136293, AX047489, AF119383, A79060, A79061, and A79062. BG257195, BE249979, BE531338, BE293689, BE293347, AA465494, AA076535, BE304626, BE513219, AA149704, AA569010, AK024932, AB033899, AK000339, AB049761, AB012933, AB033901, AB033900, AB033902, AB033904, and AB033903.
HDAAV92	1297	904116	1 - 734	15 - 748	AU121983, AU142011, AU140553, BF310789, BE298155, AA780275, BF308182, BF305747, BF589646, AA524472, BE814909, A1796214, A1800089, A1620874, AW119178, BF445851, AW292287, BE836137, AU147700, A1493093, A1521627, BF055031, A1376017, AA759333, AW271577, AA644380, AW139649, AA649884, AA448215, AW206907, AA912175, BF995517, BF995586, AA478455, A1493371, AW296774, AA514321, BF995565, AV752143, AA995890, Z44658, A1269124, AV752672, A1826250, A1394047, A1800014, A1800874, BF063946, A1571955, AA448357, AA865884, H95104, AA365259, BF829930, A1640852, BF965350, AV752590, Z40511,
HDPGH33	1298	904204	1 - 2430	15 - 2444	

HHEPR52	1299	904360	1 - 555	15 - 569	<p>AI903543, AW840999, BF758054, BF812767, BE927556, BF887696, AI910449, BE836149, AW841040, AK022311, AL080121, and AJ010750.</p> <p>AL516746, BF980691, BE740193, BE744654, BF530048, BE273312, AL047004, AW163066, BE970233, BE545415, AL521080, BE797285, AL528644, AL514308, AL520688, BE782946, BF699356, BE797528, BE781512, BE314042, BE866857, BF345868, AL515384, BE744392, BE783530, BF031113, BE876119, BE874134, BE904479, BE782888, BE873370, AI751459, BE880453, BE740753, BE256558, BE265452, BE616974, BE251085, BF132232, BE872300, BF314227, AA401153, BE871357, BG118586, W32784, BG121266, AL530793, BG179458, BF213345, BE547872, BE787715, AV736451, BF035908, AA477024, AA074562, AW965784, H23339, BE746413, BE019701, BE741074, BE019857, BE936508, BF090799, BF930574, AA159385, AV743828, BF090647, Z45486, BF090684, T78247, AA121947, F06907, AA687532, N88433, T07995, BF530447, BE779799, R35014, BF090562, W17118, AA297409, BF693865, H47444, R84488, AA297404, AA297477, F08111, AA297839, BE873574, AA404441, AA824395, R47823, T08524, BF968524, T19986, AA247384, T19987, BE868293, AA214707, BE275946, BE407239, BE382761, BE744287, BE514572, AW027007, BF737283, AW027018, AI034167, BE747282, BE744886, BF738694, AA985583, AA733158, AA770186, AA661638, AI072230, AI076446, AA121948, BF092043, AW859700, BE796353, AW849521, AF151020, AX013063, and Z65735.</p>
HSYDY88	1300	904381	1 - 2103	15 - 2117	<p>BE799745, AW149659, BF034086, BE262936, BF317221, BF528820, AI435112, BF347942, BF984178, BG056462, BF196843, AL529624, AA779709, AW352357, AW167499, BE328548, AI982761, AI246702, AI271662, AL518866, AI982751, AI538705, AL536118, BE734663, BE733072, W07076, AL537723, BF569646, BE908156, BE906311, BE925156, BF764087, BE314199, AI689641, BF530233, BF683470, BF315602, BE313287, AW965361, BF968011, AL536119, AA232168, AI032138, AI183690, BE312408, AA809550, AA332510, AA447471, BE260710, BG164707, AW136277, AA298564, BF196591, AW665899, N77910, D55112, AA564806, AW631124, BF923719, BE018730, AI142536, BE393867, AA341609, D54101, T80568, AA199743, AA852419, BG250851, BF311148, D53384, AV722133, BG032159, T05461, AW138906, BG059892, AA852418, BF569986, AA355036, AA024888, AI133670, BG117992, BF527898, BG117812, AI174232, AI205304, AA533322, AA486937, AW071935, AW136268, W26633, D53747, AA844525, BF981945, W67857, AI082447, AI290911, H08108, AI131328, AW839764, AI091646, AW117296, T03902, BG056888, AW168872, T31719, AI741489, AW068986, AI467910, AA730875, AA233541, AI282445, C15651, D52660, AI682685, AI174443, AI432175, AI420648, AW839827, W25885, BF684204, AA599916, BF525584, AI788692, BE466948, AA243035, AI690048, AA243034, AA779042, AA853744, AI038647, AA486941, AA232504, AA486765,</p>

						BF832290, BE714508, AR071761, AF217963, AF132205, AL133628, AF124440, and AF320908.
HHFCW31	1301	904399	1 - 1766	15 - 1780		AL528146, AL532850, AL528147, AF620217, BF528248, BF982162, AI056665, AW964795, AW973144, AI744518, AI038199, BF346739, BF3236476, AI368718, AA747220, AI888960, AA534256, N47941, AA234584, BF371928, H19150, AI468582, BF371877, AI360711, BF445507, AI682413, N46864, R52959, H05869, AA297549, T27100, AI557353, AA736703, H05762, N49148, T27101, AA535462, Z45279, Z40989, AA579494, BE855666, R11739, AA358738, AI474169, R41378, AR052523, AF179274, AL157430, AB017270, AB004064, AR052522, AB041565, and AF264150.
HEOPR46	1302	904471	1 - 2680	15 - 2694		AW206491, BE243223, AI138727, BF057784, AW402064, AI280951, AI281357, AI249918, AA806582, AA936836, AI355086, AI650638, AA835742, AA279348, AW139813, AI088225, AA910667, F34182, BF001154, AA338603, AA338682, BF765083, AW861944, AW604723, AW804686, AW392670, BE695785, AW858526, Z99396, AW858525, BE705903, BE705906, BF868687, AW577135, AW372827, AW384394, AW861889, AW858455, AW877209, BF868697, BF868684, BE705905, AW363220, AL119457, AL119497, AL119355, AL119324, AW604726, AL119319, AL119483, U46351, AL119443, AW861954, AL119484, AL119363, AL119391, BE705904, AL119522, U46341, AL119341, U46349, AL119335, AL119396, AW971745, AI142131, AL119496, AL119418, AL042984, U46350, U46347, AL119444, AL037205, AL119439, U46346, AL042614, AL119401, AL134538, AL043033, AL042965, AL042975, AL134902, BF868696, AL119399, U46345, AL134525, AL134536, AL042450, AL043029, AW969885, AL042551, AW979204, AL042433, AL043019, AR060234, AX046357, AR066494, A81671, AJ279014, AR054110, AJ251859, AX030435, AB026436, and AR069079.
HDPF47	1303	904473	1 - 2218	15 - 2232		AL513582, AU137710, AL513581, BE879926, BE875907, BF968799, BF791555, BF792958, BE876251, AW959968, BF792810, BE827843, BF968555, AI949941, BE876162, AU136532, AI765763, AW382167, BF692458, BG179488, AU122835, BE892299, AV699640, BF106234, AW382174, AV713629, AA449500, BF212019, BF692025, AW583040, AW382170, AW902068, AA878385, AA704776, BF979062, AI768711, AI918137, BF215357, BF570762, AW235520, AI199832, AI367820, AI074542, AA243341, AA071031, AI308913, BE150978, AW609396, AA604828, AI304674, AA831297, BE151243, AI290204, BE614989, AW391610, BE150919, AW389522, AU155999, BE150848, BE150932, AI086256, AA554171, AI285140, AU157281, AW379916, AW389518, AI361484, BE150880, AA285176, AA679730, AA287652, BF766698, AI028778, AI342266, AI332795, BF572848, BE501465, AA564884, AW609661, AA497006, BF432681, BF438907, AA496929, AI742352, AA824372, AA427806, AW582335, AA286805, AA809400, AA101705, H50009, BE150881, R59881,

					<p>AI356809, H66597, W48831, AI863722, BF766705, AA449072, AW394227, N64570, T96603, BE465872, AW814225, AI860155, BE702178, H47883, AW394207, BE702109, AA243537, AW802638, BE702071, AW391634, AA425753, T96711, BE149864, R59882, AI301234, AW816178, AA524763, AA297709, AW582392, AW609367, H89251, AA284029, AI703471, W49812, AI458780, AW075621, AI867621, AW380564, H89250, AA489590, BF912063, H66596, AW380556, AA101704, AA497092, AW380562, AA730264, AI433332, BF510495, AA210752, AA863154, BF513435, AA070527, AW818973, H47884, AA211712, C00853, AW337692, AI269992, AW391666, AA296965, BE673630, AA296966, AI570809, T25724, AV689499, BE910632, AW582435, BE150974, AW391617, AI954461, AW152174, BF999751, AI587112, BF764712, AW816180, AW102931, AK024215, and AK023478.</p>
HKAIP13	1304	904639	1 - 2372	15 - 2386	<p>AW959618, AL528457, BE857709, AL528430, AI806250, BF126180, AA455382, AI084580, AW368035, AL529481, AA005065, AI088155, AI566044, W92235, AA706063, BE328495, W92236, AA299662, AA004847, BE149252, H56718, T77776, AA002009, AA227236, AI922495, AA722941, AA456022, AA299663, AA001788, AW630463, H56641, AW904581, AV733999, AW971745, AI119457, AW392670, Z99396, AW804686, AL119319, AW861944, BE695785, AW604723, AW858526, AW58525, AL119355, AL119324, AL119497, AW877209, U46350, U46351, AI119363, U46349, BE705903, BE705906, AL119391, AW577135, AW372827, AL119483, AW384394, AW861889, AL119341, AW858455, AW363220, U46347, BF868687, AL119484, AL119443, U46341, AL119444, BF868697, U46346, AW604726, AL119439, BF868684, BE705905, AL119522, AI142134, AL119396, AL119335, AL043033, AL037205, AL119401, AL134538, AL134542, AL134528, AL134902, AL134531, AL134533, AL119418, BE705904, AL119399, AL042984, AL119496, AI142132, AL134525, AL134536, AW861954, U46345, AL119464, AL042450, AL042614, AL043029, AL042544, AL043011, AL043019, AL042542, AL042965, AL042975, AL043003, AL042551, AL132826, AB040902, AF169677, U42975, AB026436, AR066494, AJ251859, AX030435, AR060234, AR054110, A81671, AX046357, AJ279014, AR080280, and AR069079.</p>
HLWEP76	1305	904673	1 - 2152	15 - 2166	<p>AL514028, AL514027, BF309286, BE394233, AI937145, BF341063, BE090095, BF996163, AW007832, BF056466, AW300812, BF995041, BF750858, BE855995, BF341846, BF516522, AI982559, BF057637, BF750864, BF446278, AW664488, AL042399, AI026694, BF062178, N70144, AL042400, BF939187, AI189816, AA325825, AI125510, AI824290, BF229962, AI560393, AI203493, BF062533, AW196328, N62429, T48622, BE856501, BF091634, BF091588, T35041, AI024408, BF431830, AI204132, BF991680, Z39476, AL537669, AW138527, BF920850, R33737, AA367854, T40614, AI198470, R78066, T35073, AI968937, T19189, AI654947, T53308, AW241489,</p>

HTLIT05	1306	904861	1 - 1253	15 - 1267	Z43405, R77096, R62691, T19258, T53584, AW138553, A1468224, R78103, A1887002, AA336184, BE327016, A1589930, R76920, R23638, BG015036, AA774524, T48621, BG003031, R77732, A1452920, T53583, T39478, BF752954, BG013571, N98321, BG008889, R33625, BG004892, BG008197, T53307, AW059861, BF369604, BF878013, A1024102, AA338469, D45642, A1864438, BF818770, BG015443, and BE930306. BE745491, A1521447, BF982675, BG257755, N24987, Z42066, AW856800, T07905, and AC009475.
HPITZB93	1307	904877	1 - 1084	15 - 1098	BE550131, BE669741, A1279486, AW206040, AW138281, BE503536, A1817720, BF111080, AW205987, BE220179, AW206016, BE550053, BE673676, BE674121, A1694554, AA862263, BF223526, BF111158, A1860959, BF432864, BE042918, A1298729, BE327458, BE670698, BE674475, A1299747, A1216051, BE219919, AW340960, A1703067, BE504354, A1885693, BE218553, AW341220, A1681397, BE550043, BE219182, A1802146, BE220008, BE671475, BE218558, A1066735, A1298540, BE221386, A1630777, BE219603, A1279331, BE551086, BF108563, A1912139, BE503797, A1634502, A1127856, A1268259, A1796940, A1129532, A1299414, A1692842, AA923300, AW140104, AW665683, BF432977, AW137441, AW207254, BF433893, A1216530, A1914342, A1268955, A1459037, AW136174, BE327378, AW593075, BG055474, A1299132, BE465162, AA938376, BF510144, A1912208, A1693815, A1301061, BE221081, BE674621, A1002211, BE467016, A1299900, AW592285, BF433695, AW614715, A1298698, A1298009, A1702631, A1871768, A1810454, BE468203, A1689870, AW016202, A1458645, A1222004, A1689871, AW102711, A1702711, A1689859, A1804311, BE467560, A1732920, A1732919, BE045630, BE504320, AA995350, BE674465, N68345, A1351290, AA962534, AA825171, A1476744, AA974790, AA878309, BF111046, AA934499, AA528135, A1702851, AW024083, N94016, A1187311, BE645921, AW003096, A1670694, A1232329, BE221508, AW003320, AW139377, AW470300, AA916697, BF509919, A1791238, BE504086, BF110037, D50979, D59859, D80022, AW966053, D59787, D80253, D80024, D80391, AV699447, AW978634, D57483, D59275, D80196, D80366, AW975618, D51423, AW978661, AV718489, D81030, D59889, AW966531, AW966534, AV718692, AW973307, AW959628, AW960553, D80166, D58283, D59619, D80210, D51799, D50995, D80240, AV719822, AV719557, AV719324, AV722801, AV720211, D80195, AV720731, AW959202, AV723927, AW949629, D80188, AW949656, D80212, AW949642, D80043, AW975621, AW959570, D80219, AV718440, AV720028, D80164, AV699550, AW966054, AV720203, AV719188, D80227, AW966062, AV719783, AV718800, AW949645, AV718844, AV720464, AV718770, AW949657, AW965177, AV724520, AW949654, AV699927, AW949618, AW949655, AW966013, AW966041, AW959799, D59927, AV720791, D80269, D80038, AW949631, AW949643, AW959597, AW959582,

					D80193, AW949632, AW965158, AA829735, AW949641, AW949633, AW966043, AV719468, D59467, AW960465, AV721386, AW966050, AW964488, AV718633, AW958993, AW975605, C15076, D80378, AW973447, AV718931, AW752082, AW949653, AV700889, AV720812, C14429, AA018899, D59610, AF312769, AR084715, A62300, A62298, AX033851, A84916, AX027925, AR070327, AJ132110, AX035434, AX021518, AX047063, D26022, AX047064, AR018138, D34614, AJ302649, D88547, X67155, A25909, A78862, AX020191, A67220, D89785, AX020190, AX047062, Y17188, AJ287395, AJ294956, AR092424, AR025207, AF260572, X82626, AR008278, AF058696, AB012117, AX028130, AB028859, AR087649, A85396, AR077702, AR074141, AR066482, AX042372, A85477, A44171, I19525, A86792, X68127, X93549, AX015396, Y12724, AR088705, AR074545, A82595, A94995, AX035429, AX035428, AX035426, AR060385, AB002449, AR008443, AF135125, I50126, I50132, I50128, I50133, AR066488, AR016514, AR060138, A45456, A26615, AR052274, Y09669, AR008277, AR008281, I18367, AR074139, A43192, A43190, AR038669, AR066487, AR054175, AR074136, AR066490, A30438, D88507, I14842, AB033111, AR064240, AB037923, D50010, Y17187, A63261, AR008408, AR091537, AR062872, A70867, AR093385, X64588, AR016691, AR016690, U46128, D13509, A64136, A68321, AR060133, AR087528, I79511, U87247, Z32749, AB023656, U79457, AF123263, AR071754, AR032065, X93535, AR008382, AA885627, AA910380, AA916296, AA953807, AA971615, and AA987456.
HWLAJ33	1308	904911	1 - 1264	15 - 1278	AV714629, AV712849, AV655679, W37646, BE068228, AV713569, A1829939, AV712446, BE068227, A1188478, N42191, AV717356, BE930088, BE930112, AV711812, AV710658, AV733194, AA651825, R95749, BE930104, N74604, W37382, BF436405, A1672667, A1344390, AA845191, BF986915, AA831436, AA948467, AA835036, BG231639, A1189929, AW974584, R11180, T82875, AW191839, A1002523, R11179, AA704742, AA287646, BE698342, BE698353, A1300829, AW196619, BF086200, BE930116, BE245236, T62699, R95793, AW191840, T62849, T90287, AA938191, AW089814, AA988042, AA999818, AA886287, BE245206, AW341475, R94937, AL042114, AV715293, BE702411, BE702417, AW904277, AW904273, AW904276, AW904300, AW452299, BE702415, AA502473, AA480612, AW877209, AW392670, AL119457, AW857101, AW804686, AW578857, AW861254, AV703471, AW604723, AW861944, BE695785, AW858526, AL119324, AW858525, AW372827, AL119391, U46341, AW363220, BF868687, BE705903, AL119319, BE705906, BF868684, AW577135, AW384394, AW861889, BE705905, AW858455, Z99396, AL134531, AL119363, AL119484, BF868697, AL119497, AL042973, BE705904, AL119399, AW604726, AL119355, AW861954, AL119522, AL119341, U46351, AL042614, AL119396, AL119483, AL119443, AL119444, AL042544, U46349,

						AL119335, U46350, U46347, AL134920, AL042965, AL043029, U46346, AL042975, AL037205, AL119439, AL119496, AL119418, AL042984, AW971745, AL119401, AL142139, AL134527, AL134536, AL142131, AL043019, AL042542, AL134533, AL134538, AL042978, AL042433, AL042980, AL042970, AL042450, U46345, AL043003, AL043008, AL142134, AL079683, AL043011, AL042989, AL043033, AL042551, AL119464, AL043039, AL119488, AL119304, AL119320, AF309653, AF201951, AB026043, A81671, AR060234, AJ279014, AR066494, AX046357, AB026436, AJ251859, AX030435, AR054110, and AR069079.
HAGFD47	1309	904977	1 - 1423	15 - 1437		AL521371, AL521372, AL516032, BF337502, BF791366, BG249151, BG258660, BE871082, BE384522, BG113640, BG260630, BE277846, BE531141, AV731587, BF346426, BE973743, BE389571, BF667795, BE563906, AI735261, AI808277, BF211360, BF691310, AW674769, BF743166, AI368797, AA583057, AI828551, BE567499, AA807741, BF965165, AI026716, AW853901, BE616237, AI088857, AW439214, AW853890, N73457, AI142511, N34764, W02860, AA633495, AA594963, AA862351, BF790198, AI469848, AI356184, N27248, N44490, AI125040, AW518053, H98681, AI306645, AV729211, AA748024, AW675383, AI280832, AA830528, BF691333, AI707840, BF239125, AA916426, AL285008, AW951663, AW958349, AV724056, BF743169, BF572289, BF664548, AA459511, BE615442, T87237, H04537, T71560, H29267, H94779, BE614864, BE855394, T71330, H09795, AW078897, AI261966, AA507967, BF541751, AA613581, H09880, T74091, H57434, BE763380, H29351, AI783537, BF239991, T79791, T82010, T71482, D60812, AV711819, H04458, T97835, AA483615, BE093345, AI685127, AA307295, F10230, AW068971, F12612, AI471017, C00631, AI523786, BE833176, AI587003, AW051263, AA588437, AW364142, T10196, AA379077, R41344, T79360, AA156281, BE077173, T99340, R18496, AL516031, AA156393, T10197, AW168908, AA215785, AA452714, AA307316, BE833069, AA082465, AI919531, AA450068, R64481, and BE697991.
HSKAS66	1310	905017	1 - 779	15 - 793		BE903604, BE877226, BE788807, AL525054, BE549234, BE379419, BE909447, BF033662, BE745405, BG116654, BE782991, BE729574, BE612600, BF792659, BE734296, BF686415, BE382926, BE266690, BE746235, BG167167, BE742508, BG249818, AA443445, BE747302, AI380916, BE899322, BE254649, AA054185, H68793, N36450, BE780379, H06674, BF316896, AA852859, AA428116, T71376, BE259564, H82530, H86659, BE311981, BF339777, BE829913, BE613340, BF350582, BG164618, BF130572, AW245743, BE265746, BE890771, AA838309, AW630507, BF928087, AI079540, AL110467, AA443541, AC011479, and AX041940.
HOFNT25	1311	905050	1 - 3124	15 - 3138		BF677384, BF920128, BG023825, AA077497, AA296889, AA077040, AA076945, AW772344, AA296961, AI818971, AI818951, and AA077342.
HWBDL33	1312	905114	1 - 1857	15 - 1871		AI263085, AV715678, BF338621, AI671224, BF109307, AV733821, AI741604,

					<p>BF940028, AV717594, AV661743, AV706345, AV733584, AV734019, AW055187, H93009, AV716911, BF574865, AW057512, AV714513, AA058688, AI800594, AV733784, AW195361, AI740946, AV716310, BF593722, AW271301, AV717053, AW292805, AA160279, BF106072, BE046993, AI302809, AA160278, AI769897, AI200257, AI628787, AI735273, AI458862, AI091306, AW272744, AI128201, AA716336, AI707638, AA031623, AI307309, N59386, AA421911, AV711858, AW052091, AA088175, AI824017, AA449402, AA461046, AV727725, AI635515, AA992750, AW473067, AI699923, AI880867, AI597746, AA460478, W03796, AI239461, AI863568, AA448335, AA582895, AA449267, AI278475, AV734415, AI691016, BE464130, BF222944, AI758904, H64963, AI278932, BF941490, AA709030, AI418284, AI361585, AA045175, AA150151, AI634797, BE467132, AA035209, AA045521, AI933321, H59637, AA035208, AA975342, AA917066, AI261533, AI300367, AW474837, AI149430, T97469, AA502528, AI199994, AA974453, AA810540, AA411404, AA576365, F20467, AA040431, N47960, AI373386, AI684553, AI962642, AI474422, AW072561, AI824266, R97144, N73170, AA731356, AI806247, T97468, AA502505, H13072, BF868999, AA099553, H64964, T96890, T96889, R58859, AI161128, BE831336, AA677863, BE971417, H95741, AA380214, AA040644, BE465129, T70436, H94235, AI305839, BE718457, AW951636, BE718394, AA366448, AI743473, AI668883, AA366209, R97096, AA502417, T81549, AA361023, AA045294, AA976534, AA974771, AA465003, AI922795, AA441989, AW148422, AW952968, AW182457, H13276, BE831335, AA344621, N77074, AA713812, W01926, AA031704, AI733416, AA736644, AA040430, AA101990, N49171, AA781193, BF934808, AW470859, AA382998, AI148352, AW452710, BE928787, AA152220, BE28350, AF212240, AX017610, AX017505, AB013104, AF142409, and AK026454.</p>
HAABQ61	1313	905116	1 - 1880	15 - 1894	<p>BF338099, BG165577, AW003857, AI820045, AW957974, AI523911, AW084836, AI983096, AI333432, AW188197, AW386991, AI433769, AI379333, AW438811, N41047, AW387003, AA927750, BE139611, AI435307, BF436802, AW613586, R71675, R50080, AA678318, AA748856, AA301830, R71707, AI337423, AW243869, AI382805, AA577365, AI926335, AA568182, R47922, AA057770, R48030, AA047722, R50081, BE247721, AI539624, AI698267, AI224055, BE244865, AI365443, BE076010, N47137, AA903242, BF380516, AA581759, AW975037, AW971975, AW972845, AW975002, AW976024, AW975032, AW975628, AW979204, AW972292, AW975965, AV702790, AW975105, AW974786, AW974801, AW979127, AW971403, Z99396, AW877209, AW975031, AL119457, AW979134, AW970942, AW972377, AW969791, AW979002, AL119399, AW973219, AW975649, AW975154, AW971375, AW971732, AW979090, AW969673, AW975952, AW979098, AW979238, AW973213, AW979176, AW969885, AW979294, AW969680, AW975971, AW974964, AW954206, AW975692, AL119324,</p>

					<p>AW975876, AW975930, AW975981, AW979106, AW975025, AW973717, AW975027, AW705416, AW955723, AW975632, AW969643, AW975954, AW974998, AW969839, AW970969, AW975942, AW974823, AV684962, AW974975, AW971404, AW976023, AW974658, AW972296, AW975254, AW972867, AV705047, AW975966, AW974785, AV654070, AV707572, AW973209, AW969816, AW976511, AV726789, AW974806, AW976031, AW975028, AW975015, AW971378, AW969852, AV703012, AW979220, AW979219, AW955662, AW954237, AW976000, AW972680, AV658084, AW969637, AV726010, AW970010, AV658258, AV656013, AW950443, AW973750, AV651920, AW954439, AV707458, AW960601, AW952403, AV725991, AW972880, AW975019, AW971326, AV702772, AW952751, AW956075, AV645936, AV709587, AV692600, AV650315, AV697880, AV659389, AV727613, AV656373, AV706089, AV702486, AV660258, AW959521, AV708109, AV647789, AW956474, AV727787, AV659294, AV703146, AV686060, AV725745, AV728148, AV660608, AV726590, AW952410, AV709314, AV653353, AV691080, AV728872, AW951281, AV702385, AW949802, AV658275, AV652001, AV703669, AV707979, AV709580, AV725208, AV727003, AL134524, AV725582, AV708786, AV659547, AV727526, AV725618, AV725633, AV702266, AV686100, AV725577, AV695752, AV725033, AV696754, AV706223, AV728924, AV725617, AV707863, AW974802, AW972849, AV703062, AV727822, AV699089, AW962384, AV705135, AV701874, AW979142, AW962444, AV703501, AW974338, AV707401, AK025994, AX046357, AR060234, AR066494, AJ279014, AX047063, AJ251859, AX030435, A81671, AR023813, AR064707, AR069079, AR050070, A62298, AR096545, AF217994, Y08991, Y11505, S68736, AB026436, AR054110, A91160, AR096546, and AX040577.</p>
HFPFA83	1314	905151	1 - 722	15 - 736	<p>BE791739, AW956207, AW975618, C14389, AW949630, AW966053, AW966013, AW959597, AW960465, AW966022, AW959570, AW966029, D59467, C15076, AV720791, AW966534, D58283, AV719188, AV720150, AW959136, AW959062, AW965175, D50979, D80522, AW973474, D80164, AW966041, D80166, AW965185, AW965197, D80195, AW975621, AW978648, D80043, D80227, AW966065, AW956397, AW966531, AW962082, D81030, AW964532, AW966059, D59275, AV719557, AW966054, AW973482, AW966050, AW966075, AW966062, AV719783, D59502, AW973334, AV699550, AW978634, AV718800, AV720464, AV724520, AW964477, AW949641, AW949654, AV719468, AV699927, AW964756, D80188, AW959799, D59859, AV699447, AW958992, D80022, C14331, AW973307, AW958993, D51423, D59619, AW965177, AW978661, D80210, D51799, AW965163, D80391, AW960553, D80240, D80253, AW973541, AV720211, D80038, AV719822, AV718489, AV720203, AV718692, D80269, D59787, AW975613, AV719324, AV718440, AV718938, AV720028, AV718633, AW959628, AW960473, AW975605, AW959469, AW973485, AV718707,</p>

					AW965184, AV718931, AV718844, AV718770, AV720731, AW959202, D80193, AV722801, AV723927, D59610, AV699866, AW956434, AW964488, AW949656, AW949642, AW965196, AW973488, AV720878, AW949658, D80212, AW966030, D80196, AW753053, D80219, D81026, AV720812, D59927, AW965158, AW949646, D57483, D80378, AW966032, AW177440, D80366, AW949645, D80251, AA305409, AA305578, D59889, D50995, AW962245, AW949629, AW949632, D80024, AW973330, D80241, AW949653, AW949633, D51022, AW949631, AW949643, AW949618, AW949657, AW949655, AW964737, AV720533, AW960454, AW959582, AV723097, AW966023, AW752082, AW960532, AV721386, AV700889, D80045, AW966043, AW973447, C14429, AV701004, AV700229, AW960504, AW960564, D51060, AV718530, AW975623, C75259, T03269, AW960570, AW178893, AW964468, AW179328, AV699746, AW949634, AV720654, AW965176, AV699652, AV700159, AV699669, AA514188, AW962395, AW378532, D80248, C14014, AW973490, AV742001, AV742667, AV701125, AV701335, AV701166, AV742430, AV701149, AW973465, AV701043, AV701332, AV744690, AV701017, AV701248, AV742048, AV701431, AV699682, AV742022, AW753067, AV718681, AW753064, AV719628, AV681510, AV681491, AV699479, AV741187, AV741198, AV741191, AW377671, AV719049, AV720220, AV701419, AV701154, AW964766, AV700622, AV701422, AV645344, AW949620, AV701130, AV719000, AV645389, D51250, AW960474, AW369651, AW753041, AV720616, AW178762, AW178775, AW966049, AW177501, D80134, AB040801, AB040804, AR018138, AJ132110, A84916, AX027925, AR070327, AX047063, AX047064, AX033851, A62300, A62298, AR008278, AF058696, AX021518, AB028859, X67155, Y17188, D26022, AX035434, A25909, AX020191, A67220, D89785, A78862, D34614, AJ302649, AX020190, AX028130, AX047062, AR087649, D88547, AR077702, Y12724, X82626, AR025207, AR016808, A82595, AJ294956, AR060385, A94995, AB002449, AF260572, AR008443, AR074545, AB012117, I50126, I50132, I50128, I50133, AX015396, AR066488, AR016514, AR060138, A45456, AJ287395, A26615, AR052274, A85396, AR074141, AR066482, A44171, AR088705, AX042372, A85477, I19525, A86792, AR074139, Y09669, A43192, A43190, AR038669, AR066490, AR066487, AR074136, X93549, I14842, A30438, I18367, D88507, AR054175, D50010, Y17187, A63261, AR008277, AR008281, AR008408, AR091537, AR062872, A70867, AR093385, AR016691, AR016690, U46128, D13509, I79511, A64136, A68321, AR060133, X68127, AF135125, AX035429, AX035428, AX035426, AR092424, U79457, AF123263, AB023656, AR071754, AR032065, AB033111, X93535, and AR008382.
HFIDN52	1315	905157	1 - 1539	15 - 1553	AL527003, AL527047, AL528849, AL532270, AL532269, AL518481, AL517507, AL518770, BG170535, BE795174, BF980363, BG170480, AV651086, BG170462, BG164756, BF525544, BF686680, AV651790, BF691635, BE783677, BG114472,

					<p>BG035401, BG252111, BE873303, AW953951, AW959884, AV653871, AA573144, AV721170, BF939826, AA005018, AA203390, BF314211, AI983151, BE619488, AW993798, AV696306, BE890629, BE896935, AI978717, BF031071, BE221501, BE261715, BG037102, AA007460, AW513164, BE326528, AW129961, BE550937, AV702919, BE856673, BF110080, BE769269, AI023529, AI023528, AA449327, BE515129, AI097101, BF109940, AW956324, H17224, AI307122, AI281472, AI138990, AA429301, BE875142, AA724365, AI126957, W47513, AA843528, AV699202, AA515478, AA074611, BG116303, N92125, AA621024, AI151489, AA005019, AI023888, W74039, AI963099, BG260258, W47514, AW296547, W29030, AI052664, AI369723, AI517508, AI470114, AA634442, AV689279, AI289000, BE153740, AI288995, AI131387, H75708, BF942901, BE155290, AI093686, BF516565, BE155320, AV750019, BE155333, H77802, AA310308, AA470883, BF988395, H09852, AV685603, AA758859, R09589, AA873611, AA463447, AA663901, AW993699, AI080292, AA365043, BG258610, AI092232, AV660345, AV659085, AA937147, AI014968, R74259, AA682858, AA612948, H12975, BE786827, BE645529, BE619809, AA609107, AV723985, AW009774, AA358497, AW748966, AA449585, AI909657, AW383643, BE706823, AA214475, AA443488, AI076595, AJ243243, BE696190, AA426125, BF222280, AA862640, T99925, BF941560, AI246182, AA336306, AI050921, AA508211, D55400, W19308, AW445069, AA865885, AI636974, H66722, BE696216, BF239793, R32666, N77454, AI266464, AI018497, R02421, BF219462, AA889290, AI247759, H75637, H00584, H00583, R28482, BF376184, BE706815, BE008036, BE155294, D53939, BE154028, AV747746, AI798308, BE763890, BE763886, W72360, W90696, AA074610, AA873850, AW264053, BF991806, AA524719, N63685, AW467054, AI742730, AW970744, AA425024, BF916867, F29136, AI347470, BE763895, AA429478, AA843783, AA635518, AI263801, D52605, AW008958, and AF151807.</p>
HAHSE23	1316	905257	1 - 917	15 - 931	<p>BG004659, BE784422, D78812, AW972331, AW139572, AI337247, BG236174, AW139573, AW274906, AI394041, AW972326, BE348713, BG235928, BE219929, AI621023, AI681036, AI968134, AI186456, AI394092, AW972330, BE714466, BE328194, BE714457, AI962750, AW139363, AA494171, AA099288, AW135801, AI422680, AA101983, AI391640, H04128, AW630450, BF898234, AA579232, AA635382, AA613907, AA176980, AA493923, AA572758, AA494167, AA640779, BG222103, AA528491, AA572880, BG152749, BE294475, AA528822, AA468418, AW150308, AL044192, AI610362, AW090087, BF814357, BE084795, AI656270, AW970048, BF750879, BF924897, AW075351, BG105099, AI114703, BG112456, AA640631, AW161202, AA528799, AI829327, BE875959, BE909521, BG036784, AI340519, BF734768, AI521634, AW051088, AI340603, AW983783, AV682559, AI047655, AI452857, AI802240, BF344031, BG250213, BF793309, BF909758,</p>

					<p>AA088789, AI360195, BF125935, N29277, AI866465, BF813196, AI249253, AL118781, AI345688, BE881289, BE877846, AV721135, BG058150, AW806761, AV708653, AI564992, AI802372, AV746791, AA641818, AI050666, T99953, AA587590, BE964997, AI439020, AV682229, AL119748, AW162194, BF871314, AI583054, AI380723, AI036652, AA768478, BF107573, AW082623, BF340373, AL514919, BG105078, BE971716, AW021717, AW020397, AW190297, AV681990, BG179295, AI955866, BE011880, AA479803, AL040241, BG112239, AW172723, AI348854, AA602479, AI537191, AA464646, BG178351, AW827285, AW827289, AI567582, BE048071, BG105107, AI805688, BF343241, AW161579, AI811603, BF813139, AI432653, AW059828, AI310575, BG109118, AI628850, BE621256, AI677797, AV682326, AW827206, AI340533, AI345745, AV732865, AV734049, AL121286, AV721044, AI537643, BF814449, BE966011, AI559752, BF764538, AL038505, AW129171, BF245652, AL036396, BG111230, AI921055, R23306, BF968910, BF752353, AL135024, AI696626, AV681891, AV726605, BF970768, AV714975, AV681881, AV682446, AI251221, AV756633, BE876049, AV726229, BG257525, AI340627, AV757096, BF970623, BG029053, AW020095, AW673679, AW366372, BE964614, AI584140, AI689614, AW022300, AI699020, AI696846, AW022084, BE255995, AL038529, BG120492, BE965355, AI564749, AV706624, BG113851, AV756836, AI859464, BE905335, AV755973, BF753053, AI530596, BE965169, BF979767, AA580663, BG122481, AA830821, AI307708, AI524654, BF525524, AL045672, AI445256, AW827201, BG105895, AW079768, BG121959, AI251205, AA910956, AI538850, BE885490, AW071380, BE155168, BE277998, BF154737, AL042400, BE875407, BG178911, AI371228, F37468, BE965758, AI872250, BE963968, BE965599, AF196329, AF287008, E12747, AF113699, AK026045, AL389935, AF116688, AF090886, AK024594, AF158248, AK026506, AK026086, AL050116, AL133072, AB049629, AK025378, AF102578, AF130054, X80340, AF119909, AF180525, A08910, A08909, AK026624, I48978, AL049300, A65341, E03671, AB051158, AF119865, AB007812, AF262032, AK000391, AK026855, AL117648, AF113690, AL137557, AB049758, AK026533, AF116610, AX015416, AF116646, AR013797, AL049314, AL117583, AL137459, AL023657, AL122045, AC002471, AC005374, AF065135, AK026522, AF069506, A08913, AL157482, AL162004, E12580, X98834, I66342, AL050146, A08912, A08911, AL137429, AF100931, AK026613, AL359601, AL096744, AF260566, AF192401, AF192402, I89947, A18777, A08907, A08908, AL389978, AF067420, AF192557, AR038969, AK027204, E12579, AL122093, X93495, AL137555, S76508, AC009501, AL117432, A57389, U00763, AL389983, A77033, A77035, AL049382, AF150103, AX017991, AK027217, AL080234, AL117649, AK025708, AK026434, AK025465, AL133049, AK026442, S61953, AY004290, AL136884, L13297, AB047248,</p>
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					<p>AL110196, AF094480, AB044390, AF217982, M27260, I09499, S77771, U73682, AF208026, AL137479, AL137300, I89931, AX014095, I26207, AK025431, AF217991, AJ005690, U72621, AR087170, AF116691, Y16645, AF118064, AK026353, AL359596, AB049880, AK025541, AL137488, AR038854, AF175983, AK026542, AF132205, AF119896, AF217966, AL122050, AL390154, X70685, AF116644, AB047941, AB048881, I46765, AL390139, I17544, AL137574, AF130087, AK024855, AK025113, AB032264, AL133568, AB052191, E06743, AF040723, S78214, I89934, AC002382, AK026600, AF116698, AK000476, Y16258, AF090934, Y16257, E02756, Y16256, A86558, AF218005, AL353956, AF217987, AF153205, AF271786, AF159148, E08631, S83440, AL133014, AL133010, E01614, E13364, AF201468, AK000653, AL035458, AL137539, AF106945, A30330, A30331, AF078844, AF242189, S36676, AL049938, AL133558, AF030635, AL133080, X62580, AB048919, AX045627, X89102, AF200464, AB038698, AF116602, AJ003118, X59414, Y07905, X53587, AF035161, AL034400, AK026608, AF111112, AK024538, AL137660, AF126247, AF183393, AF036941, AF116639, AJ299431, A76335, AF119871, AF218034, U87620, AL117457, AB024524, AB052200, AK027188, AF177401, AX027129, AL080074, AF085809, AF104032, X87224, AX019230, AK000486, AC069550, AK027114, AL133093, AK026583, AF030165, AL137271, AR070212, AK026784, AL137536, AK025857, AL162006, M86826, AK000753, AL137529, and X06146.</p>
HWM/FE21	1317	905289	1 - 2619	15 - 2633	<p>BF968408, AW953455, BE513085, BE889654, BE910370, BE311470, BE744228, BG167712, BG163998, BG167766, BG181007, BF219830, AW410963, BF183034, BE905308, BE273660, AW150338, BG025353, BE906937, BG024133, BG248447, BE784095, BE787695, BE894840, BG035017, BE273358, BE613036, AW068179, BF870292, AW997226, AI609947, AW190590, BF334791, AA536207, AI419345, BE247396, BF129143, BF334812, BF334774, AW303929, BF334775, BF334783, AI972206, AA076636, BF081258, BF334781, BF334779, BE736177, N47448, BF968513, BF334797, BF334790, BE789673, BF334816, BF334813, BF334801, BF334776, BF334805, BF814698, AW408759, AI126639, BE890383, BE876928, BF220216, T08688, BE709083, AA040020, BF334773, R73435, AA824249, BF844001, AW205834, BF843212, N24016, BF733515, W44967, AI141537, BF334769, BF334770, AA437330, AA427681, AA501748, AI829844, R74553, R72613, BF205734, AW001111, AW000739, BE300238, R85996, BF334795, R72682, AW410964, R82789, AA469296, AA368361, BF905696, AA469376, R64060, BF334780, AI937321, BE714858, AA293648, BF334802, AA604680, AA102469, AI476060, AL044292, BE244069, AA910937, AA295640, AI291285, BE503809, AI676225, BF813657, BE242937, BE001794, AI291867, AI416979, AW956705, AW966388, BF347017, BG015518, AA488037, AI249741, BE814656, BE786532, AI744412, C18456, AW068319, AA427563, AI601165, BF334806, BE729392,</p>

				BF334785, AA039978, AA922852, AI583536, BE696554, AW361898, AW886428, AI042545, AW885318, BE073411, AI870329, AI903106, AA627957, H42444, AA147194, AI582686, AI581661, AI268853, AI335735, T34972, BE208847, AI885712, AI128471, AI917249, BE245324, AI246422, BF436597, AW874025, AA376371, AI991848, BF334768, AI423211, W90219, AI031988, N47449, AA069241, AA293156, N93816, BG004017, AA541623, AA427536, T30468, AI610274, AA069176, R73436, AA368456, AA872138, AI951382, AI284267, AA346659, AA102470, AA079644, BE905311, AI349335, BF056321, H42416, AI739283, AA627054, F24622, M62233, AA160393, AI338846, AA502274, AI859689, BE717966, AI242832, AW191035, AI908011, BF334814, BF092120, AA659199, AW191950, N71929, AI215685, AA291911, AA477903, R15816, AW051539, AW302387, AI766197, BF082897, BG058427, AW068089, AA991453, AA766282, AA732344, AA834378, AI571263, BF436901, AA477255, AA962838, AA502599, AA284901, T80529, AW471108, AA456125, AA456126, AI904213, T08687, AI610976, AI311739, BG056583, AF131760, AL080164, AL133448, AF177336, AL110149, R11219, R11277, R16572, R16631, R26412, R49107, R49107, R71368, R75921, H04146, H24905, H42193, H73254, H74177, H90836, H94732, H94762, H94767, N25901, N51187, N52317, N62547, N69495, N75087, N79215, N98500, W42994, W69773, W80519, W80520, N90989, AA029705, AA053466, AA079386, AA126431, AA130762, AA164587, AA253057, AA253113, AA425864, AA425960, AA425993, AA427687, AA428055, AA429043, AA229089, AA229090, AA505415, AA507590, AA523768, AA532371, AA542942, AA563837, AA602566, AA613827, AA618597, AA633001, AA570044, AA570492, AA570576, AA577508, AA578044, AA658950, AA661572, AA745627, AA826234, AA828075, AA877983, AA902522, AA918028, AA977681, C03394, AA126575, AA207047, AA643707, AA654613, AA654730, AA654815, AA216597, AA291363, AA293346, AA399426, AA403284, AA411037, AA434489, AA454676, AA628797, AA668561, AA630008, AA456122, AA457092, AA431311, AA434394, AA405536, AA405545, AA706635, AA844041, AA853985, AA854101, AA868214, AA907646, AI014547, AI017451, AI018481, AI023124, AI024184, AI038134, AI066482, AI075654, AI077917, AI041636, AI084540, AI085238, AI090382, AI122584, D11685, AI147540, AI269467, AI470710, AI565713, AI499218, AI128691, AI144475, AI148336, AI148422, AI167735, AI625708, AI189496, AI240316, AI332369, AI337531, AI339069, and AI597627.	
			1 - 5445	15 - 5459	T27258, AU140225, AI634860, AV648450, AI767588, AA894544, BE177971, BE536545, BE178142, AV689583, AI991689, AA404730, AI635347, AI195244, AW976840, BE386012, AW957842, AW665276, BF690664, BE767008, AA411217, AW236952, AW293268, AI640606, BE538471, AW467595, AW957918, AW072654, AI633129, BE856734, AI360887, AW274499, AI096717, AW081124, AI373594, AW117198,
HHBEA82	1318	905311			

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HWHPC10	1319	905322	1 - 1808	15 - 1822	<p>BE742604, AL523029, AL523899, BE300434, BE621651, BF793948, AL525510, AL521264, BE739428, BE299600, BE621032, BE728133, BF027269, AL523049, BE740085, BE743407, BE905918, BF972259, BF037910, BE300271, BE746377, BE315244, BE617342, BE384312, BE544193, BF312136, BE409316, BG121594, BE866920, AL525557, BE617818, BF313357, BE272000, AI085965, BE646590, BE019859, BE387794, BE386142, BE389790, BE389031, BE962230, BE410888, AA075546, BE386299, BE300466, BE272520, BF203427, BE383794, BE277537, AA075675, AW170271, AA306026, AW051776, AL523028, BE879163, AI492240, BE391985, BE871970, AI986434, AA417668, BE387900, AI276289, AI091507, BE019858, BF684706, BE276279, AI148079, BE739093, AW168126, AI925426, AA604521, AA609132, AI200642, AW439781, W46825, BE314830, T50022, AA775791, T31817, AW884462, BF664248, AA747906, R77171, AI927129, AA576766, F28444, H55807, BE018464, BE208178, BE302077, R81379, R61827, BF998272, BF857276, AW090678, BF998267, AW952610, R61104, BE154540, AA669090, AA714715, BF916762, AI978746, BE154534, R81378, H55806, AW576851, AI190823, AW081405, AW382992, Z41500, AW510416, BE065740, BE154539, T81932, AA622979, AA377912,</p>

						T65941, R98506, BE154542, F37137, AW135144, AI590743, BE154536, AW382978, BF917045, AA532521, T31351, T50085, BE965319, AW383783, AW383787, AA362213, AA337175, W46794, BE154528, AW383007, AW383026, AW383799, AA649006, AW372038, AI497840, AA248720, BF332952, BG000993, AA738432, AV695060, T81931, T85124, R98462, AW139705, BF363251, AI873732, T64516, AW361146, BF917265, AI039642, AW372020, BE897132, D45709, BE707989, BE185668, BF881322, BF332960, BG055957, AI696261, AW372024, and AF176814.
HDPXZ89	1320	905371	1 - 3667	15 - 3681		AW003062, AI654328, BF342700, AI970963, AW029544, AW517252, AW139082, AA402041, AI652305, AW629557, AW087970, AW991845, AI656661, AA402165, AI375685, BF339423, AI151124, AW137049, AA988273, AI094361, AW517351, AI824507, BF870695, AI272209, W88691, AI739281, AW204663, AW838114, AV690544, AW136525, AW838103, AV686823, BE138897, BG013317, AV661425, BF992785, AW838104, AW838216, AI961606, AA703614, R72631, AI889195, BF872672, AW838225, AI741258, AW889778, BG180468, AI189175, AW838365, R72703, AA301981, AI307562, AI349603, AI043419, BE242319, BF805445, AI043418, AA296026, AW838363, AW838361, T60982, AW071314, AW838426, AW839650, T57409, BF930601, BE718101, AI445466, BE550519, AI206181, AI969294, AW838452, R61006, H09629, F04497, F10157, R45955, AA281795, T23509, AW165978, F09492, AA181185, T33336, F02464, AA683348, AI566949, AA285062, R41660, R41286, T90519, T05944, AA296027, AW411267, R42815, Z41597, AI146918, AA814075, AA502285, W81282, AI073440, H06731, AI754455, BE907305, AA533076, AA640833, R22967, AU159965, H18496, AI221468, AI363467, AA653152, AI468025, AA531581, AA844673, AA594903, AW082928, AA147770, R63535, AI051974, R46038, W67814, BG055535, AI085290, AI535920, AW149387, AI927282, AI018429, AI968132, BE301730, R38762, F33261, H58219, AA922589, T60927, T65146, BG256283, AI752883, R36845, BE620393, AI862638, AW580295, AI253778, BE620735, AW392670, AW858526, AW858525, AW604723, U46347, AI134527, AI275213, D87433, AF131781, AK023995, AK022504, AJ279014, and AI656424.
HLICA89	1321	905505	1 - 443	15 - 457		AL529539, BE870722, AU126395, AI044418, R55122, BF765213, BF886482, BF886514, BF886480, BF951263, BF886073, BF887476, BF887611, BF978470, BE764027, BF886844, BF887478, BF886816, AU124203, BF904721, BG257021, BE868714, BF897927, D83782, and U67060.
HTTDZ50	1322	905792	1 - 3991	15 - 4005		AU132013, AA886981, AU140438, AV726712, AW955810, AI017106, BG260788, AV761493, AW499808, BE884030, AI082248, AW769494, AW995087, BF996055, AW994908, AW956899, AW505102, AW966361, AW995088, AW611829, AW995074, AW295094, AA470161, N23031, AI264018, BF748828, AW861535, BG121851, N23767, AI913297, AA897488, AW995078, AW504456, AW803138, AA558415, AA280845,

					<p>AI435871, AI066593, BF380529, AI243807, AV745119, AA872792, AA479961, AI126901, AI394431, AA664287, W73395, AI473962, HI0433, BF727371, BE177034, BE176968, AA705578, AI262861, AI864610, AW373541, H20660, L44314, BE176986, AW503440, AI538402, R97257, AV657894, AA700916, W73335, TF83975, BF359247, BE775237, BF359212, R84884, AW869165, H23110, R98255, H06141, H23111, BF748827, AW351739, AW805740, H95495, AW600309, AW812607, N20089, N41363, AA386008, AW805860, R11663, BF379468, BF379040, AA825860, AA332375, AW966360, R12269, AA384332, AI933614, AA677406, AI702514, R36166, R58018, AA341733, AW805901, AV751116, BF837829, BF109052, BG013638, AW118294, AA243489, AI567393, AW382545, AW384756, N20908, AI923865, AW062641, AA478863, BE152858, AA090178, AI810114, AU158493, AI024885, R98020, AI360859, AA833759, BF828898, AA093963, AA332183, AW132106, AL118905, AA041188, AW104312, AA634010, AW800339, AW800363, AL119669, AI984581, BE177015, AA609134, AA962565, N31011, H06142, AI874046, BF835301, AA628637, AW805729, AA041255, HI0434, AW860732, AW385545, AI514359, AB033115, AF265555, AK023848, AK023788, Y17267, AL133246, AL133243, and AB049871.</p>
HTLHL43	1323	905798	1 - 751	15 - 765	<p>AI533539, AL535070, BE748937, BF035835, AL527769, AU146089, BE074372, AW327290, BE538766, BE867172, AW961017, BF759319, AA235918, AW083127, BE205822, BF516089, AI798681, BF063649, T99938, AI797284, AW183981, AW410645, AI096678, AA236980, AI092936, AI144400, AI685511, AI860643, AW513360, AW273299, AI521427, AI801043, AW300673, AI074319, AI457885, AI399827, BE907388, AI885247, W46771, AW295119, AI924126, AW327628, AA651935, AI095832, H00554, T63211, AW137947, AW029034, AI393856, AI381953, AI811198, AW295118, T62960, AI458562, AA745647, AW151914, BF940829, R16113, AW198081, AW473030, AA813851, BF745269, AI823612, R43938, BE513187, T16212, BE085487, Z39341, BE908553, AA430674, BF002645, T96081, AA404569, AA884361, AA338639, and AK021918.</p>
HLTAG56	1324	905871	1 - 1878	15 - 1892	<p>AL522360, AL535070, AL533539, BE513187, BE748937, AL527769, AU142389, AL527179, BF939920, BE907388, BG035384, AW961017, BF035835, AL535071, BF026662, BG178845, BG116692, BE903282, BE908472, BE389936, AL520396, AW083127, AW327290, AL533361, AW410645, AU146089, BE205822, BE275255, AI798681, BE074372, BF063649, AI797284, AW183981, AI096678, AI092936, AI144400, BE867172, AA235980, BE538766, AI685511, BF516089, AI074319, AI860643, AI885247, W46771, AW513360, AI521427, AW295119, AW327628, AW273299, AI801043, AW300673, AI095832, AA745647, AI457885, AI399827, AW137947, AA813851, AI924126, AW295118, AI381953, AU141402, AW029034, AI393856, R43938, AI811198, AW151914, BE383284, AU119853, AI458562, AL527770,</p>

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HWLHJ13	1325	905994	1 - 1172	15 - 1186	BE868917, A1799005, A1478852, BE219940, BE292871, A1825946, BE504345, BE869001, A1W205093, A1W502646, BF673844, AA639927, A1684054, AA634246, AA630382, BF221675, A1I193494, BE841277, A1873043, A1W579030, T94447, AA573526, A1566445, T98050, A1W294597, T98141, BF334618, BF757622, BG150516, A1W859231, T94534, A1940596, A1940601, A1922766, AA931283, AV691865, T24595, A1623271, AA648186, A1023258, BG231887, A1W859234, A1W369427, A1W176607, A1971154, A1888177, BG014399, A1W579093, AA992910, BE771632, BF757402, AK000460, AF061022, and AF061024.
HDQPN32	1326	906000	1 - 1453	15 - 1467	BF030094, BF915407, A1431931, A1W080430, A1246316, A1434289, A1963929, A1W013871, AA972267, BE974051, T96157, BE763960, T93692, BE045646, A1W291840, A110151, and AC006479.
HOHBT28	1327	906114	1 - 624	15 - 638	A1U118919, AF107454, BE790376, AA018301, AA307511, BE244926, A1525109, AC007097, AK021727, AF190665, and AF190666.
HAQCD43	1328	906145	1 - 1038	15 - 1052	BF529722, BE875979, A1W954217, BE738333, BF792671, BE785505, BE876237, BE873075, BF340317, BE734057, BE789549, BE395207, BG025158, A1532494, BE614806, BE614883, BE396147, BE253565, BF737302, A1W238972, AA806231, BG012029, AA044211, BF901660, A1W796084, A1537196, AA044081, BF738993, BF056207, A1683820, BF446055, BF812968, A1819836, A1532493, A1424071,

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HTPCF50	1329	906161	1 - 2183	15 - 2197	<p>AI024852, AA724866, AI024874, AA296694, TI0363, H00259, AA370362, AA364110, AW959554, BF789905, AA487827, BF156012, AW604713, AW604716, AW371737, T92143, AW382068, AW371674, AA428201, AI356048, W68208, T24766, AA429137, AF192403, AF192401, and AF192402.</p>
HWLCJ12	1330	906285	1 - 2319	15 - 2333	<p>BF691828, BE566444, BF207929, AI632964, BE463583, BF208992, BF541607, AA826324, C06338, AI547059, BE568426, AA622862, AI890787, BF029268, AA775044, AV706527, BE928360, AV707401, AV706532, AV702854, AV724987, AV727822, AV728455, AV702728, AV704116, AV704974, AV727103, AV708991, AV645545, AV707088, AV709273, AV703090, AV728715, AV727459, AV701728, AV706882, AV726628, AV726559, AV729473, AV651897, AV725031, AV650367, AV691615, AV706741, AV702869, AV726787, AV703515, AV645778, AV707798, AV705416, AV704592, AV705299, AV687909, AV689800, AV656240, AV728997, AV702798, AV709935, AV706223, AV706992, AV706104, AV706891, AV647654, AV702787, AV705234, AV706025, AV707942, AV704916, AV701538, AV705047, AV701496, AV709407, AV703436, AV703012, AV702832, AV725321, AV728546, AV685688, AV652156, AV692972, AV702954, AV707948, AV701874, AV705684, AV704924, AV707510, AV707420, AV707639, AV701499, AV727029, AV651503, AV728270,</p>

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HTCHK88	1331	906306	1 - 2303	15 - 2317	<p>A60210, A35536, A35537, A60211, A02135, A04663, A02136, A04664, I62368, I08395, I06859, AR043601, A11245, AX032758, AX006823, U94592, I03331, A02710, E12615, AX018504, AR035193, E14304, A07700, AX027811, AX027809, A13392, A13393, AR031488, I13521, I52048, A27396, AX027813, AX030369, AX030368, AR069374, AR027100, I44531, I28266, AR069375, AX042377, AR083151, AX027812, AX027810, AR091518, AX027816, AR072535, AX042375, AX027817, AX027818, AX027814, I21869, AX042373, I44516, A70040, E16678, A82653, AR093385, E16636, AR074365, A24783, A24782, A92133, A95117, AR095490, AR095491, AX032992, AX032993, A90655, AF149828, I01995, I08051, AR031566, I25027, AR069426, I26929, I44515, I26928, I26930, I26927, AR085082, AR085089, AR085091, I60241, I60242, AR085079, AR085083, E00697, A20699, AX001330, E03813, AR093384, I66482, AR009151, I66485, I66483, I66484, AX004550, AX036660, AX036661, I66498, I66497, I66496, AR027099, I66487, I66486, AX023553, AX003194, AX023548, AR072540, AR038066, E00696, AR093383, AR051652, AX003206, AR051651, Y09813, Z32836, AJ230935, AX047064, D50010, AJ270780, AJ230902, I66495, I66494, I05558, AJ230972, AX046332, I66481, and AR089207.</p> <p>AL530935, AU132769, AL048903, AI678076, BF527660, BE728354, BG253760, BE297579, BF317174, AL524551, BE409263, BE313085, AL530934, AL042801, BE729268, BE885728, AL041340, BE314879, AL042802, BE383358, AW190561, AI961484, AU154235, AW027201, AI424792, AL524550, BE259667, AA864499, AW732625, AI432437, AA917094, BE327057, AI934618, AI499074, AI344032, AI955647, AA572961, AL048902, AW769938, BF509684, BE208853, AI366484, AI342638, AI761488, AW974120, AI564533, W51904, AI168435, AW961340, AI289643, AU126961, AW971194, AW272378, AI867205, AL039675, AI796156, AA884306, BF927739, BF002574, BF869582, BF847648, AA456581, AA918441, AI766564, AA426295, AW769937, AA493778, H67555, AA322347, AA304712, AW178871, AA298993, BE273248, AA377693, AW769673, BE140495, AI383037, AA221032, AA713594, BF918942, BF918936, F24965, AW797208, AA322180, AA322590, AI940682, BF919436, BF919454, BF919453, BF919451, AI538564, BF752997, AI766348, AI701097, AW080090, AI367680, BF812961, AI619820, AI633125, AI828682, AI818240, AW152182, BF811804, AI796113, BF968679, BF669151, AI800648, AI500714, T07909, AI702073, AI884318, AI590043, AI868680, BG122005, AA740450, AI866469, AI971615, AI345415, AI934259, AI570056, AI433157, AL046466, AI819545, AI499570, AI698391, AI915291, AI434731, AI440448, AI45829, AI889189, AI638644, AI370623, AW188525, AW008226, AI699823, T69241, AI635634, AW148363, AI818350, AW089844, AI686817, AI376425, AI609375, AW051088, AI744268, AV736995, BF970652, AI569637, AW163834, AI270295, BE393784, AI471282, AW075381, AL043355, AI872423,</p>
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HSKGT01	1333	906487	1 - 575	15 - 589	<p>AW160878, H09911, BE797807, BE513148, BF897207, BF929419, N44832, R12320, BF969302, AA310446, BE925970, AA252090, AA310284, AA459752, W92639, AW958256, AV645773, AW891960, AV645897, Z64142, and Z64141.</p>

HTAIJ50	1334	906718	1 - 2527	15 - 2541	BE899132, BF974503, BE745971, BE741474, BE512798, BE740840, BF793368, AL524716, AL524717, BE271604, BF204868, BE740264, BF238214, BE872021, BE545246, BE747082, BF663868, BF129041, BE271970, BF815297, BF034885, BE676712, BF732782, BF663799, BE272572, BE336644, AA683481, AW965883, BF128962, AI692400, BF238040, AW574880, AI290663, BE220608, BE562118, AI813735, AW007923, BE562263, AA632158, AW402676, BE378315, AW664458, BF446794, AI813810, AA781877, AI859765, AI199578, AA451993, AI185159, AW405591, AW138624, BE562122, AI907739, BE513965, AI765304, BF891354, AI692912, AI809143, AW873078, AW780301, N36152, AA706980, AW408467, AI673795, R43911, N36173, AW873086, AI694105, AI609752, AA938331, AA988379, W02226, BF740005, AI033720, AA530997, AA427862, AA714359, AA464240, BE246038, AA809567, AA701952, AA633571, AF009747, H99300, AW055311, AA937972, AA806446, AW512472, BG107308, AI373187, AA837900, AW583244, AA058710, AW401686, AI168434, AW583799, BG055948, N25845, R78273, AA292575, BE744517, BG007593, AI431729, R18801, BF433880, AW368604, AA658130, AW405405, AI914063, AA085565, BF817948, F32897, BG005920, BF821845, BG006191, F10944, AI686182, R78272, AA057265, BG008044, AA853743, R98243, BE272119, W32550, AI556963, N42680, AA297912, AA182006, N42929, AI659545, AI631698, AI655212, BE260535, BE312785, AW197261, BE246497, AA298972, AA297985, AA302993, BF376525, AA464348, AA806640, BE260497, N44152, BF038397, AV710096, T77313, BF315931, BF206209, AA235467, BE872650, BE261058, BF312765, N44162, BE563627, BE246466, BF591598, BE313411, BE383145, BE208274, AA310646, F13348, BE261460, N76224, AA908429, H99299, BF089972, BF312549, BF797084, BF339019, AI631977, AA908294, BE888844, BG255030, BE061378, BF339322, BE877769, AI784214, AI571699, BG253986, AI972170, BG034746, AI628851, AI860027, AI918634, BE780904, AA748353, AI690813, AW167146, AI471227, AI479292, AI888665, AW196078, BF032910, BF752892, BF822127, BF911528, BE874133, BF526117, AW673679, BG122101, BE889355, BE783752, BF816031, AA641818, BG117653, BF814447, BF032768, BG254745, BE875243, BG029053, BF753053, BE047952, AI783569, AA761557, AI932638, BE892572, BF033366, AI918408, AI863382, AA715307, AI815239, AL043089, AA809974, AW167222, AV755207, BG029058, AI440238, AI583578, AL525204, AA195940, AA804877, BF343394, BF184587, BG179438, AW409772, BF344507, AI926593, AV758017, AI652336, AV712838, BG035423, AV713908, AV713988, AI681952, AK024953, AK025870, AX011622, AK027115, AK000432, AP001699, S36676, D44497, U83980, AJ012755, AL133069, Y10655, AL157431, U49434, AC002500, AR083279, AL137656, AF141289, AF199509, S61953, AF153205, A08913, AL389935, E12579,
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HCRQM01	1335	906770	1 - 1346	15 - 1360	<p>BE396442, BE300433, BF204301, BE742196, BE259764, BF312083, BF984142, BE382788, BE384772, BF315466, BF304399, BE299086, AW340703, BF339766, BG181159, BF182684, BE273885, BF313271, BF316076, BE893088, BE730561, BE299597, BE389850, BF317362, BE910676, BF308426, BF314271, BE312799, BE904105, BF666784, AW629625, BE619906, BF978586, BF317490, BG178708, BE544701, AW163077, AW183669, BE313915, AL530204, BF724490, BF312451, AW157021, BE383870, BG025443, AL380328, AI050727, BF030243, AI769139, BE298498, AI028216, BE786432, AI185353, AI653528, AI336379, BE620041, AI918120, AW161527, AI126643, AW163682, BE277668, AA448990, AI653521, AA873512, AI283420, H94869, AI290340, AI624902, D81975, AW969757, AI250288, AW102845,</p>

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HUVFI01	1338	906880	1 - 1366	15 - 1380	BE908185, AA368455, AA861915, AA367693, BF329956, BE838501, BG120166, A1000735, BE818784, D31762, and AL049611.
HHAOD94	1339	906886	1 - 867	15 - 881	BE614475, AW960560, BE788855, AV728059, BE865963, AW978143, AV696408, A1042012, A1309836, A1927975, AV692206, AA909011, AL529245, A1435369,

					AW510857, BF002030, AI123581, AI435845, AA523865, AI379585, AW466951, AI379067, BF239904, AV721198, BE613870, BF672390, AA165447, AA724150, AI305828, AA166930, AA903029, AI803108, W37757, BE966249, BF210595, AW090552, AI529244, AW057808, AI979048, AV729106, AI275564, AA846157, AI480120, BE565691, AI261287, BE879682, AW024836, BF207871, AI378473, BF213084, AW055277, AA432110, AA166742, BF513222, BE958210, AA847776, AI302632, AW183927, AI333279, BE567812, BF217310, AI333555, AA828292, BF132353, AA622738, AA004875, AA026907, AW630584, AI810768, BE566185, W47137, AA889030, AI041885, BE856489, AI859471, AA903036, BF086448, AI299262, BF667487, AA253191, N66602, N24907, AA807315, AA688151, AI216850, BF574268, AA743282, AA700530, AA904997, AA524225, AW241799, AA079684, N52361, BE904974, AA461494, BF694328, AW129508, AA165446, AW129517, AW958198, AI219336, AA931977, AA974746, BF241795, AA253190, AV714149, BE567899, AA805281, AA584253, AA167074, AI753402, AA292252, AA446795, BE781669, AA167433, BE886046, N30030, D62818, BF212797, BE926436, AA649222, AA005078, BF668915, BF211500, AA334848, R31063, BF244900, BF208449, BF690906, AW978144, AA167434, AW604559, BF754702, AA906255, AA455049, BG170146, BF029339, BF217280, BF103549, AA907735, BF247359, AA329536, BG170232, N36033, BF698746, N75132, R58189, AI804435, BF211073, AA779629, AA236702, BF530881, AA972503, BF029660, BF244908, BF696659, BF218193, BF184621, BF217003, BE565626, AI750420, BE565391, BF574941, BF677397, BE865942, BF239234, R31544, N93054, BE567889, W37976, AI869408, BF240004, BE567085, BF672085, BF669008, BF215923, BF091205, BF208918, AA093426, BF693944, BF239697, AA344673, AA079814, BF993950, AW392722, BF217631, BF028978, AA173470, BE565284, AI869471, W47186, W21391, BF027765, BF245946, N40739, AA460569, AA377054, BF208304, BF208334, BF696911, BE184246, AI750419, BF208981, BF738903, BF216171, BE567327, BF851236, BF851329, BF695321, AA304600, BF849551, AF220193, and AX014830.
HAGGF22	1340	906890	1 - 1008	15 - 1022	AL529245, BE879682, BE904974, BF694328, AV714149, BE886046, BE781669, BF212797, BF668915, BF211500, BF208449, BF029660, BF690906, BF103549, BE565391, BE565626, BF211073, BE567085, BF530881, BF574941, BF207871, BF672390, BF184621, BF210595, BF239234, BF213084, BE788855, AV696408, BF677397, BF672085, AV692206, BE613870, BE565691, AV721198, BF669008, BF693944, BE958210, BE567812, BF217631, BE566185, BE865942, W37976, BF132353, BF754702, AW958198, AA165446, BF667487, AA167074, BF574268, BE926436, AA446795, BF028978, AA167433, AV728059, BF240004, AA292252, BF241795, N40739, BF217280, BE865963, AW630584, BE614475, BE567899, BF029339,

HLJDM86	1341	906945	1 - 1024	15 - 1038	<p>AA460569, BF027765, BF218193, BG170146, AA173470, BF698746, AV729106, BF217310, BG170232, N36033, BF244908, BF217003, BF247359, BF851236, BF208304, BF086448, BE567327, AA166930, AW604559, AI750420, BF208334, W47186, BF696659, N75132, BE567889, BF851329, AA253190, BF244900, AW389517, R31063, AA334848, AA344673, AA005078, AA079814, AA304600, AW978143, AA329536, BF695321, BF215923, BF239697, R58189, BF696911, AW960560, BF208918, AW392722, AW934764, AW605000, AA909011, BF738903, AI435845, BF002030, AW510857, AW466951, AI435369, AI123581, AI379585, AI379067, W21391, AA377054, BE157567, BE184246, BF245946, BF993950, AA026906, BF849551, AI305828, W37757, AI927975, AI042012, AW129508, AW024836, AI309836, AI378473, BF754843, BE157582, BF208981, AW129517, BF513222, BF758968, AI302632, AA004875, BF216171, AA828292, AA523865, AA165447, BE565284, AI979048, AA805281, BF239904, BE147734, AA903029, AA688151, AA724150, AA743282, AW241799, AA093426, AI261287, AI275564, AI480120, AW057808, AW090552, AI803108, AW055277, AA974746, AA931977, AA432110, AF220193, and AX014830.</p> <p>BF183063, BE563477, AV714909, BF694698, BE264399, BF309297, AV718354, BF790702, BE618507, BF574309, BG117601, BF126262, AA081317, BF791060, AW963352, AA081069, BF669379, BF696374, BE546641, AW998561, BF672527, AI760705, AW613352, AA583555, BF696260, BE254980, AW516799, BF106200, BF693973, AA613825, BF672626, AI889240, AV757965, AA587284, BE872261, AA083412, AV757328, AA808601, AA081316, AI038580, AA081068, AA582220, BF693705, BE741227, AW339067, AW873560, AA002210, AI241025, AI589815, AA702349, BE206002, AA706461, BE222625, AI339472, AI278615, AA810681, AW969788, BF969029, CI5625, BF576801, AI300351, AW629783, BE932023, BF477369, BE968768, AI002420, AI246117, AI204990, AA576532, AA535219, AI254335, BE207918, AA126891, BE932022, BF802514, AA047389, AV758059, AA757504, BE019124, AA491648, BG178573, H24548, AA552624, AW166093, AA291782, W65448, H21199, AI695529, R94014, AA588653, AA612737, AA047388, R93970, AA258634, AV748351, AV757264, AI093359, AW338867, F24073, BF058459, AA635784, AW089945, AI364149, AA341867, H49123, W56776, H56519, W72672, AA972572, AA977835, T78543, H38957, H39163, D81084, AW472827, AA860220, H42518, AA976833, AV733987, AA303509, F33199, AA373213, AI961781, W23242, W65449, AA341866, BE408555, F28531, AI362352, AW104215, BG165993, AI565548, BF855571, AV756580, H49058, AA322301, BF378518, AW369291, AI243405, AW572771, H43518, BE939435, F18517, AI989915, AI184202, H78051, AA620904, AI203360, T68394, AW057890, AA095300, AI972971, AI219198, BF693179, AA294896, BF680134, C02623, AA056395, AI191986, AI420162, W56729, AA772764, D81309,</p>
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HTJMG26	1342	906957	1 - 1107	15 - 1121		BG121400, BG118404, BF306259, BF528723, AA481719, AW949841, BE829270, BE299893, AA378941, BF528144, BE843780, BE938337, R48482, AA378942, BF205635, BF312731, BF968921, BF869691, AA453537, BE257879, BE902633, BF918415, BE276412, BE874333, BF981372, AW602596, BF965837, BE747984, and U62317.
HDPJZ04	1343	906960	1 - 999	15 - 1013		AW963155, AV721179, AA535015, AA361063, BE175194, AA361359, BE568285, AL741964, BE766706, AR035946, and AY009090.
HNTND88	1344	906998	1 - 2118	15 - 2132		AW974565, BE465838, BE896596, BF110512, AW401563, BF132071, BF906106, AA778112, AW043761, BE622903, N92222, N99087, AW025041, AL650274, AW611842, H00110, AI498392, AW591259, BE940082, T77228, BE707498, T90917, H05042, AA814016, T77441, Z45154, AA927671, AA649015, Z21390, Z21389, BF954192, AA282015, BF949965, N64488, AW771200, BE622071, AA824472, BE766287, AI907811, BE002253, AJ011863, AJ133721, AJ242864, and AL133517.
HJABT11	1345	907007	1 - 1588	15 - 1602		BF526575, BF340843, BE617621, AW007033, BE616972, AI420450, AA310512, AI72814, AW272594, AI632431, AI360129, AI129711, AI473688, BF513674, AI369881, AW205204, AI871183, AI969609, AA310177, BF000580, AA161488, R43162, AW865787, R49031, AW956079, AA809519, AA371832, AA353952, AW865615, AA364455, AW955845, AA365292, AW593991, AA367338, AI088287, AA335911, AI950476, H90387, AI620424, R37467, BF892009, AL117495, AC025605, AC025605, and AC025605.
HOUCY70	1346	907030	1 - 1469	15 - 1483		AL533390, AL529681, AL528191, BF966448, AL523718, BF966576, BF115284, AL528190, AL529855, BF115429, BG120879, BF304689, BE728367, BF304827, BF305469, BE793198, BE297311, AV704155, AW993505, BE789342, BF026199, BE785817, BG114227, BF316927, AW993825, AW993830, AL529854, AW960096, BF831956, AI743647, BE386416, BF727063, AI923650, AI860279, BF057404, AW965178, BE260405, AW005358, AI146421, BF928251, AI093908, BE047374, BE813316, AI769656, BE265484, BF747949, AA605064, AI241016, BE2777343, AI148817, AI318082, AA565734, AI630731, AW025017, C17555, AI566682, AA843395, BF838669, AA506224, N31961, AW134754, AA749014, BE774133, AA827318, AA346026, F36487, AV750102, T49220, F31348, W31773, W04672, N31991, AI827206, AI630730, BF990595, AI678457, BF955698, AA879426, AA120831, AA948142, AA345290, AI685001, BG007518, BG011225, AA120830, BE774243, BE073338, BG004311, BF155353, T49219, T39496, BE774391, BG007508, AW374473, AJ299442, and AJ297884.

HWAE133	1347	907053	1 - 1460	15 - 1474	AI143226, BE798123, BF792579, BG027947, BF512811, AW960702, AA074614, AW973179, BF793801, BF970034, AI816250, AI336874, AI359462, BF196595, AI920941, BF208847, BF683421, AW404001, AA041535, AI619673, AW080448, AA312966, AI248170, AA552215, AI864909, AI161255, BE393360, AW027101, R54079, AA613058, AA953791, R60168, AA426568, AI697713, AA082536, AI269146, AA989378, H21497, AA877154, H98486, BE563486, AI206064, BE396204, AI582707, AI587399, BF677141, AI144140, AA527643, AI282213, BF213405, BE832689, AW574900, AA376459, H29536, AI200580, AA329522, AW662882, AI927727, AA318044, AI263946, AA039912, AI223111, AI912507, AI829375, R49273, N40052, BF842875, AA091789, F36491, AA425093, R39339, AI557366, T24757, AI816330, R43134, R60167, AA873687, AI266123, AW361339, AW996248, AI872739, AI561274, BE714945, BE714961, R17888, N31309, F31801, H29628, BF904855, BG119615, D26032, C00043, N27118, AI005232, R54127, AI052315, AA301581, BE241764, N22922, H39166, R34889, Z42344, and AF118094.
HNHGM07	1348	907060	1 - 825	15 - 839	BE545073, AI003572, AP001065, and AP001754.
HELGY02	1349	907105	1 - 4289	15 - 4303	AL537332, BG248293, BG180938, BF530592, BG036300, AV687059, AV713521, BF309002, AI902578, BG255127, AW961656, AV713522, AI688582, BF033768, AL449775, AW961690, BE222964, AL449520, AL449853, AW379424, AA777773, BE074312, AW369760, AW817922, AA703884, AI907963, AW469363, AI423137, AI972020, AL449774, BG180714, BE763237, AA916666, AI449776, AW385387, AW385386, AW071058, AI908566, AV657574, AI356198, BF215093, AW571570, AL449852, BG056230, AA308054, N26808, AA088691, AW152059, BE869116, BF058599, AI905077, BF091968, AA424942, AI694175, AA747032, BF511716, AW074054, BF058917, AA625170, AI985668, AA937352, AI336688, AI160378, H49126, AA227090, AA865313, AI283958, AA506775, AA043012, AI093888, AW591247, AA612659, BE869597, AW814515, BF058919, BE009973, AI040102, AI632877, AI872785, BE138844, R91358, AA506766, AI634278, AW750450, AW084196, AW591257, AI205158, AW814523, AW887630, BF951557, BF987510, AA424941, AI207271, AL449521, BE719403, BF802463, AA347025, R14440, BF350102, AA294950, BE669443, BE930340, AA226793, N39498, BF925727, BF839347, AA323130, BF840126, BF840116, AI678509, AI824415, AA716420, AI905195, AW380731, BF951628, AI207949, BE932832, BF089218, AW511665, AI449517, AL449850, AA347026, BE933440, AA337170, AA295197, BE870271, AA304723, BE697774, AL044263, AL449851, BE714259, BE774940, AA332792, AW841996, AW814519, AI524587, AI682702, BF754877, AI537066, AI301807, C00596, AI939550, BE167292, AW799520, N68237, AW799639, BF351410, BE714206, T24948, AA223662, AW817566, BE714385, AW841997, BE697747, AW881813, AA042886, AW817547, BE714392, AA506788,

HTAFC46	1350	907218	1 - 710	15 - 724	AW188897, AA506790, AW517462, AW385396, AB033073, AL133001, AL034418, AL121777, AA494379, and AI633048. BE312559, BF314071, AV690059, BE068804, AW366386, BE707038, BF350952, AV698838, BF359015, BF350939, BF884094, AW149741, BE177434, BE814246, BF352350, BE931536, AI077488, BF987117, and AK024996.
HRADL67	1351	907233	1 - 3949	15 - 3963	AUI17742, AUI131411, AUI18148, AUI23586, AUI25301, AUI19889, AUI23800, AUI19764, AUI139552, AUI131384, AUI133198, AUI134838, AUI21056, AUI38221, AUI139208, AUI136271, AUI137377, AUI14486, AUI149501, AUI133881, AV702813, AUI135345, BF793684, AUI28114, AUI123493, AI676177, AUI138746, AUI146113, AW954670, BG027795, BE539265, BF968029, BF246292, BE907443, AW366152, AI264321, BF035348, AW007145, AL043600, AV734239, AW262031, BG177703, AI913362, AI809112, AUI154494, AW439637, AW274948, BE545745, AV716220, BF576792, AA528650, BF677952, AV734173, BG117467, BF431901, AW962778, AW954329, BF032312, AW365592, BF035872, AI769386, BF815925, AI861995, AW993642, AW957290, AW262046, BF891910, AW304221, BF032821, AUI146961, AW088767, BE999985, AW803561, BE815133, AA488372, AW270549, AA131841, AV681644, AI751098, AUI123402, BF812944, BE885546, AI417167, BF475544, AA176233, AI279263, AA032181, BF891892, BE882148, AI042007, AI753126, BE813363, AUI152464, AW361159, AUI154454, BF589859, BF673032, BF694378, AW631121, BF892001, AW866965, AW021494, AW370294, BF892000, AI751099, AI635275, AI828400, AW298688, AI954976, AW853329, AW772486, AW088237, BF108754, AA489879, AW088533, AW794968, AI554278, AA994206, AI378180, N94529, AI956030, AI341810, AI283284, AW272723, BF697268, AA179494, AA179544, BF751906, AW572262, AUI153148, AA947267, BG260830, AI225127, AI961066, BF672509, AA780586, AW029520, AI082442, AA131810, AA464824, BF057738, AI129837, AUI158071, AI078756, AW803560, BF155374, AA131791, AI753674, BF672202, AI476626, BF338523, BF983647, AA082761, AI088460, AA122245, AI559651, N40983, AA613946, AA075711, N24153, BF673079, AW473312, R51676, AW152173, AA248233, W46377, AA782289, AI621172, AW189239, AA447159, BE928765, AA491455, AW615021, BE464786, AW150265, AI688932, AA081106, BF739297, AA443787, BE463667, AA100948, BE879171, BE156528, AW303903, AA715420, T71302, BE003463, H12095, AI750347, AA081203, AA307456, AI888370, BE815129, AA598996, BE542657, BE706451, AI927255, AW979155, AW168975, AA554742, W46205, AA906052, AI651058, AV720700, AA774052, AW069272, BF807817, BE003445, AA313231, BF807740, AA580843, BF901485, AA780297, H00132, H95033, AW380447, AI687631, AA127351, AW022573, AV757316, N22607, AA127352, AA114152, N444992, BF817651, AW302346, AA376293, AW771338,

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					R65860, R76715, R76714, R80048, H12096, H42622, H93998, N24862, N68134, W30754, W74015, AA031981, AA032011, AA033656, AA081604, AA084455, AA113863, AA129180, AA131777, AA176321, AA188816, AA228705, AA588571, AA664787, AA720525, AA728805, AA730793, AA836530, AA913305, AA916890, AA935302, AA947363, AA642013, AA089634, AA654510, AA214323, AA214164, AA214413, AA214414, D11838, AA450296, C75177, AA59984, AA844166, AA883641, Z38723, Z42531, D29105, D29471, D11627, A1358614, A1364432, A1367281, A1440275, A1446275, A1538202, A172670, and A1669361.
HDPQA54	1352	907253	1 - 1422	15 - 1436	AW612141, BF196066, BE221739, AL247270, and AR035943.
HCFC940	1353	907375	1 - 4398	15 - 4412	BG164191, AL135185, BF983123, AL041280, AV645574, AV687584, BE788908, BG250650, BG115164, BF342638, BE876977, AA702184, BF671348, BG248849, BF351087, AA152030, AW474133, BE539165, BF513442, AW269763, A1962971, AA935874, A1150109, N34238, BG169542, A1554409, AW007775, AW468469, AA890008, AW021321, A1082758, A1922307, A1199306, AA282370, BE547356, BF248155, BF374008, AA037349, AL041279, A1688218, N22419, AA278551, AA406318, AA152104, A1367278, A1797211, AA203606, AA258062, AL038734, AL038733, A1089356, AA884389, AA017390, BE930063, AA233026, AA661741, A1082269, A1770119, A1824725, N31270, AA421935, A1027376, BF352616, W39547, AA918822, N25640, BF352611, A1027020, AW876088, N39100, AA911009, AA836812, AA992896, H04053, AW876064, A1002479, R55560, AA970541, AW995402, AA332109, AA806318, AA759257, BF885893, BE177081, AA232852, AA593839, AV697997, AV695832, A1797333, R68540, AV690252, H68957, BF926234, AA485458, N22883, AV734002, AA337924, BF820595, BF926247, AV694870, BF820597, AA384849, W44899, AW241214, H65584, H03366, Z19311, R67924, AA017389, R55321, T67446, AW243674, BE048922, N70432, AW876067, BF759974, R68246, T96801, T96685, AV696911, AA236633, AW965295, BF763395, AW876091, BF927515, BF820591, AA376097, AA994146, BF858626, AA336479, R36914, BF755224, F00568, N48457, AA282020, AA094925, BF735336, T69479, BE714862, BF126700, AW103805, AW799660, BF924148, BE165021, BE542967, BE161951, AX013176, and AC009778.
HBINS69	1354	907522	1 - 1506	15 - 1520	BE744673, BE798562, A1885021, BF125194, BE272386, BE900634, AV704849, AA847540, D79183, BF984445, AA056301, A1743182, AW964737, AA662370, AA628098, BE798920, BE896215, AA805301, AW085647, AA020747, N25407, AA324846, A1338738, BE278163, T08103, AA470718, N20503, AA905832, AA453580, AA021086, AW801726, H39227, AA758607, BE280813, AA866217, H47609, AA022758, AA464399, H97699, BF196339, T81265, H85035, H16214, R89033, BE900826, AA019794, H84973, A1743505, AW375043, AA861258, BF752258, AA308868, AA013293, BE901092, H16215, R38881, AW998123, AW998127, AA974506, BE560672,

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HKGAO47	1355	907635	1 - 2412	15 - 2426	<p>E01314, AL137658, AF175983, AF056191, AK000718, L04849, AK027113, AK024538, AF119875, AK026797, AF090903, AK025254, AL442082, D83032, AF116682, AF130104, AR083266, I89931, AB051158, AK000418, AJ299431, AF118090, AF210052, AF079763, AJ238278, AL137712, AL137558, AK000647, AL137533, AF158248, AL080163, Z97214, AF230496, AF242525, AK026462, AK024570, AR087170, AK000652, AK024524, AB047887, A77033, A77035, AK026651, AB047941, AX017991, AK025092, AK025491, AF242189, A08915, AL096744, AF111847, Y08769, AF137367, S76508, AF000145, AK026534, AR020905, AK000618, AL080154, AF177336, AK025209, X84990, I17544, AK025524, AL133010, AK025424, X53587, I89934, AK026532, AL133014, AL050277, AL137271, AF153205, AK025798, AK000250, AK027144, M27260, AK026526, AB024524, AF051325, A52563, U35846, U87620, AF267991, AF155148, AF113694, AL359941, AB016226, X66862, AK024992, AL389983, AL133640, AF143723, AL117416, AB048974, AL049452, AF026124, AL117578, AX006092, AF139986, AF207829, S36676, AL133558, AL137640, I33392, AB050534, AK000636, AK025958, AK000074, AB048975, AB007812, AK026627, Y09972, AF146568, AL050092, AL389982, AF008439, AJ012755, AF162270, I00734, AF094850, AK025772, AK027096, AF028823, AL080074, and AF155221.</p>
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HMTBI19	1356	907637	1 - 1887	15 - 1901	AU142702, AU119065, AL534353, AL521573, AL520886, BG261209, AU128570, BG105210, BE90380, AI525838, BE875026, BG171230, BF673691, D82449, BF029537, AL521572, D82382, AL520885, AW376421, AA129508, D82521, H08387, R50903, BE539381, Z21167, BF698848, W15176, AA356128, BE080252, T10839, AA361954, AA079011, AA371059, R13122, AA090366, H93896, H70501, AA234409, AA398807, BF853725, BE085643, BF057243, AA171920, AI681965, AW295732, BF222743, R06937, AW069716, AA278525, AW582778, BE551467, AI540236, AI126144, AW665698, R89794, AF077040, AK022931, and AF073344.
HPMGN27	1357	907728	1 - 899	15 - 913	AV747831, AV745151, AV749820, AV749111, AA435798, AU149616, R05725, BE614499, T84168, AI825005, C00159, AW937334, AF155109, AK001334, AJ271670, and AF069992.
HWLEP57	1358	907757	1 - 1235	15 - 1249	BG165370, AV692456, BF668554, BG165006, BF699729, BF664617, BF696359, BF666897, BE958515, BF666680, BF669635, BF542034, BE958350, BE958087, BF382058, BF700761, BF670202, BE958295, AW583705, BF246687, BF698234, BF697105, BF700216, BF665797, BF698503, H48650, BF029934, D60241, BF666952, BF701837, BF695871, BF032034, BF669697, BE958612, T50929, BF696365, BE959288, C15568, BE536963, BF695972, C15261, D81750, D81691, R24902, BF700708, BF697847, BF700926, BF665003, BF131792, BF698021, AV690200, BF381642, BF246840, BF666285, BE739347, AV686169, BF696358, AB041548, and AK027169.
HADGF57	1359	907775	1 - 2812	15 - 2826	BG110446, BE891269, BG110027, BG035236, BE731780, BF000371, BF002083, BF699552, AA203416, BE901012, BF668363, BF700122, AW468560, AI432381, AI472313, AW273216, AA456638, BF697167, N36310, AA002173, AI432405, AI093711, AI332435, AW513379, AI081893, AI276146, AW131136, BE709774, AI769316, AA490628, AI288215, AI925214, AI274062, AW272533, AI081206, AI564061, AI189285, AI018502, AW021180, AW512284, BE049226, AW103397, N24890, AW022522, AI627363, BF095661, BG179869, AA703639, H49171, BE973929, AV722359, H95212, M85398, BF197913, BF666693, AA320240, H68371, AW274140, AW305315, BE872984, BF982148, H60779, R62178, BF966361, BE934144, AW800606, AA303421, AV724758, AA320393, AL121248, H61001, BE087853, AA320244, BG178065, AA320212, H60780, AI143497, AA861862, T99655, BF589579, R64567, C15951, N67278, AI286184, R41271, AA629128, R07730, AA902645, AW272977, R37064, H68372, BE646330, AA296635, C21127, AA320458, AA228880, BE816050, AA320132, R07729, AI206521, AW131190, AW009618, T99057, AA759131, AW391393, AV713941, AW391388, AW391383, AA773496, AW391384, R06939, AA662337, BF834102, and AA700982.
HDTIC42	1360	907776	1 - 1501	15 - 1515	AL515760, AL518517, BF037353, AW131613, AI798698, BE856584, BG116789, BG110336, AV729019, AI659391, BG259433, AI383966, AI301904, AI141050,

					AW051534, AI436572, AL518516, BE782794, AI423024, AI949462, AI765807, BF002684, AI860169, BE263704, BF038559, AI361220, AA669355, AI917250, BE855659, AI127630, AI206098, AV708539, AI025741, AA102584, BF590538, BG025061, AV713929, BE552015, BE467899, BE931563, BE908505, BF739931, AI379587, AV708793, BF508131, AI660603, AI092712, AI445710, AA232806, AW195884, BF970494, AI750128, AA773721, AI081798, AI858261, AI371779, BF727334, AW842934, AI379674, AL515761, AW958989, AA557338, AI246467, AI085334, AW205857, BG150106, AA446521, AI275393, AV724954, BE815162, BF381071, AI803647, AA534301, AI200736, AI275421, AA442342, AI532361, AA677318, AV719438, AW024979, AA780999, AI682250, AW797736, AA354775, AA400736, AA890704, AV724659, W20040, AI492629, AI378226, AA825312, AI623977, AI800704, BF211880, AW130062, AV750137, AI751864, AW003455, AW015559, AI751865, AI983914, AA885942, AA906852, AW051657, AA437265, AA773840, AI568957, AW190646, AI276712, N62947, AI278977, AA233861, AA232534, AI274077, AA708681, AA232099, AI222157, W74448, AV657169, AI559955, AA987704, AV726772, AA400461, AI225079, AI024657, R83674, AA235866, BF941920, R83686, AI241402, H27797, AW193093, AA970287, AW613994, AA358446, AV652934, AW450241, AI363499, H51031, AV708338, BF514709, AW195372, AA928622, H28191, AV656529, AV726799, AA625934, AI916024, H52549, N63163, R83661, AA669356, AI769946, N91378, N79850, AW103180, T86281, BF063502, AI435315, AI208326, AI784521, AI350985, R79809, R83660, AV749408, T72660, T67465, R83685, BF887312, R83673, H28234, AA296079, AI471621, BF887307, BF813453, AV748030, AA315225, H51032, AW471026, AA364922, AA430360, F32350, AA306937, BE672340, R86312, T86380, BE312899, D79226, AI268212, H26813, AI910377, R86311, R79909, AI567136, AV751141, BF509547, W72762, AI203285, H60248, AI869518, H88268, AA918002, BF514715, R86296, H80916, AI567085, T72729, H28014, T96316, AA634691, AI471363, R86297, BE645725, AI284210, D20230, D58181, H52153, T99806, AW299944, T39986, AI758516, BE048710, T98500, T93486, AA095338, AI244569, T99911, AV728923, AI432316, AI583987, AW054877, D57273, AF136411, T69498, H88269, AA082118, BG055457, BF478006, AI093819, AI458482, AA495794, AI091031, AI583515, AW194818, AW780413, BF960944, AV735235, T98445, AR030960, AF171875, AF155650, AC010285, A84916, AA236068, AA644472, T11390, and AI342813.
				15 - 2447	AL527888, AI527889, AW976173, BE781680, BF343138, AL525819, AA702154, BE732112, BE884555, AI703131, BE551051, BG115556, AA702126, AI634536, AA777413, BE670816, AW187982, BE887877, AI694395, BE791388, AI248701, AA393120, AI298112, AA463417, AA463415, R43806, AA070569, AA714855, AW339437, BF881875, AA767682, AW000977, AI334193, BF763234, AI268559,
HHEXO20	1361	907816	1 - 2433	15 - 2447	

					BF094236, AA463416, AI886057, BF508517, F34844, AA345992, AI872514, AW848503, BF096090, AL119081, AA412730, W27989, AW249027, AW379952, BF090941, BF096089, AW294156, AW379954, AA613181, BF725485, BF763254, and AL021918.
HWLGN53	1362	907823	1 - 964	15 - 978	BG035685, BF036212, BE742713, AW994510, BG007466, BF507549, AW411084, AA486046, AW578521, AW835293, BF516091, BF130207, AA136605, BF848868, BE896908, BF744854, AU124923, AA516307, F11138, BF842496, BE938679, H15601, BF987872, F11607, BE165978, Z42474, BE930181, AW994051, BE927278, W86355, AA852500, AW964551, BE711186, BE711149, BE711226, BE711156, AW887356, AA148171, AA320600, BE711214, AW887440, AW887446, BF209440, BE714496, AW977275, BE711239, AV735408, BE711222, BE707517, AA423899, BF799195, BE932135, AW370611, AW893707, AW068528, AU118342, AW805779, AA295674, AV656034, AU144929, AW805827, AI885634, AW450872, AA303426, AA094804, AI391670, BE927277, AA062714, AW068313, AI952411, H79980, BF695164, N36443, AW000989, AW411085, BF798200, AI094038, BF902081, AI989656, BE082064, W90311, AB020712, AF139184, AK001014, AX015344, AB018358, AB018359, AF034582, AK002161, AF161393, and AF161452.
HMLAH65	1363	907832	1 - 1078	15 - 1092	AU136724, BE779204, AW851685, BE785846, AV749614, BF365885, and AK001933.
HWAAAX3 8	1364	907899	1 - 532	15 - 546	AI968991, C04062, AV704509, AA255592, BF349408, AI735341, and AA249056.
HTJNG15	1365	908309	1 - 1790	15 - 1804	BG259817, BE268308, BE270476, BE042939, AI571743, BE514280, AV705060, AI422722, BE269234, BE397774, BF525749, AA001424, AI417323, AW118869, BF513373, AW016939, AI809555, AW298455, AA010080, AA047181, AA019642, AA452913, AI147059, AA019812, AA015780, AI028691, BF684837, AI204279, AA047817, AI221342, AA013177, AI094644, BF109069, AI924197, AI934630, AA018716, AA017459, AA015983, AI401304, AA018971, AA017562, AA157438, BG011200, AA021621, AA019376, AA021379, AA056255, AA453081, AI990912, H38930, R75791, AI467993, AA021211, R46277, H40627, AV694312, AA012872, H40674, BE266168, W95949, AW779248, AA016033, AA013143, AA015968, R71551, H85532, AI885549, H86280, R50258, AA054231, H86057, H86832, AA971907, H86597, AA021311, BE142666, AA012904, AA196221, AA059026, AI904546, T06751, AW366897, AA864534, AA019359, W19447, R71497, AA013488, AI669423, AI245102, AA016023, AI951143, N27369, AW956220, H37928, AA019046, AI809842, AA972948, AW576981, AI004979, BE562840, AI383509, AA046456, AA037712, AI247396, AA968612, R75792, H37783, AA019360, R46193, AA021572, AA020806, BE009638, AA057015, and AL079273.
HSDJA72	1366	908338	1 - 2525	15 - 2539	D62424, AA211157, T53618, D62427, AA329581, D62409, and D79516.
HMCHE75	1367	908383	1 - 1461	15 - 1475	BF813971.

HDTAZ43	1368	908412	1 - 1718	15 - 1732	AL537952, AL537247, BG031898, BG028180, BF968394, AL537953, AW269962, BF059389, AI335247, W27670, BE219024, BE220328, BF001690, AI968242, AI566115, AI654235, BF447729, AI292099, AA514672, AI074318, AI078807, AI684358, AW340345, BF000305, AL537248, AI927520, AW470534, W80358, AI971043, AI217656, BE246754, BE247625, BE247708, AW593022, BE772226, BE772229, H18280, W38023, AI366721, W78976, AW044408, BE772234, BF438791, AI027201, BE613515, AI936381, AW771481, BE676460, BE257658, W38024, AI420369, AI400105, AA485265, AW136965, AA634142, AW512515, BE856459, BF436853, BF002384, AA485264, AA007261, AA045262, AI479534, BE772294, AW469806, AA502308, AW135477, AI872996, AW195064, BE889328, AI761037, AI581404, AW445190, AA884366, W25972, AI928527, AI285045, AA971675, AW440060, BE501162, BE676873, BE151560, AI472122, BF475398, AI904882, AW841734, AW674223, H28966, BE966586, AA737030, AW971745, AW877209, AL119443, AL119457, AL119324, AW861944, AL042544, AW804686, AL119399, AW392670, C00169, AL134902, BE695785, AW604723, AL119418, AL119341, AW858526, AW577135, BE705903, BF868697, AW858525, BE705906, AW372827, AL134920, AW384394, AW861889, AW858455, AL119355, AW363220, AL119497, AL119319, AL134536, U46341, Z99396, U46351, BF868684, U46349, AL119483, AL119401, AL119484, AL119363, AL119391, U46350, U46347, U46346, BE705905, AL119444, AL119396, AL119335, AL119464, AL042984, AW604726, BF868687, AL119439, AL042433, AL119522, AL134527, U46345, BE705904, AW861954, AL037205, AL119496, AL042975, AL042450, AL042614, AL134525, AL134538, AI142131, AL042551, AL042965, AL043019, AL042970, AL042542, AL043029, AK026184, AB026436, AR080280, AX030435, AX046357, AJ251859, AR060234, AR054110, AR066494, A81671, AJ279014, and AR069079.
HAAAN55	1369	908451	1 - 1579	15 - 1593	BE275695, BF881986, BE247567, AU130297, AU128451, AI905887, AU130653, BF330599, AL043565, R24991, BF379692, BF380890, BF754617, BF379196, BE250682, BF330601, BF305203, BG002244, BF879736, BF328400, BF330600, BE301899, BE301888, BF826322, AI279874, AK000348, and D43949.
HBODI05	1370	908697	1 - 2494	15 - 2508	AU120941, AU121012, AU120592, AU120417, BE250269, AI126808, BF695058, BF671906, BF672129, BF671000, AW579877, BF671449, BF576332, BF574301, BF670252, BF790531, AW960122, BF791231, BF672754, BF574798, BF305501, AA418414, BF695105, BE156553, BF671961, BF575411, AW579872, BF670857, BF791312, BF671769, BF575478, BF790835, BF671792, BF671456, BF790846, BF672675, BF693805, BE156566, AA192617, BF671448, BF670273, BF672161, BF790545, BF693774, BF575066, AA418529, BF693658, BF672511, BF790297, BF695389, BF693831, BF791322, BF576965, BF671580, AA214096, BF576286,

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HAIJAH16	1371	908763	1 - 2651	15 - 2665	AW964117, BF740132, BG105986, BF109791, BF057138, BF196914, BF732879, AW192663, AI813485, BF529931, AI467996, BF732343, AW249671, AI823988, BE504839, BF114628, AI094671, BE858342, BG056192, AI336340, AW245209, BE675501, BE934409, AW957368, AI338167, AI452800, AW516845, AA312449, AI912974, AW136571, BF115245, BF434042, AI761673, AI859055, AI922047, AI151471, BE674600, AW770412, AI871294, AI565644, AI818821, AA858063, AI097651, AI910845, AA767239, AI498921, W56896, AI086438, AA255783, AI744679, AI921953, N38751, BF108724, AI807705, AI339666, BF111511, AI860241, BF516037, AI470016, AW593304, AI261514, AI084861, AI951827, AV721601, AI273326, BF940417, AA456816, BF507665, AI083921, AA026234, AA256005, AA427873, AA975841, AW044122, AI475887, BF111353, AW025647, H30863, AI128881, AA026233, AI312865, AA213700, AI369770, AA028002, H94766, AA193228, AA642716, AA999983, AW516946, AA504815, H38321, AA213665, N48386, AI262677, AI240885, AA350441, R73806, H94734, AI193895, AI864868, AI912007, H38289, AA603355, AI197899, AI372820, AW183825, AI768797, AA377943, AA236636, AW057949, AA350442,

R73805, H53422, H27905, AI694470, BF940744, AA983305, AA937891, R41310, AA935126, AA911948, H55688, AI673165, BF740612, AA723028, AA765265, BF801524, AI376426, AI339165, AA247167, R18451, BF869821, AA506130, AA430694, AA247640, BF801531, BF801532, AA922365, AA236142, AI276063, AI041772, AV681840, BF982265, AW020693, AI114703, N39304, AI284015, AW071395, AI307494, AI340644, AI040694, AI310592, AI538342, AA937404, BE047833, BE883591, BE545500, AW071377, AI037582, AI037602, AV710641, BF968558, AI119791, AW806761, AI310927, AI307578, AI312399, AW020095, AI345114, BE620438, AV682521, AI349269, BG180273, AW071380, BG260505, AI581033, AW301300, AI349598, AW075207, AI349256, AI038529, AI312152, AI343037, AW151136, AI698391, AI345735, BG036614, AW075084, AI340519, AI349937, AI933992, AV738730, AI334884, AI307543, BE138712, AI345251, AW071412, AI307210, AI345224, AI307708, AI955945, AI312325, AI040241, AI345253, AI307569, AI340659, AI313320, AI310575, AI343091, BE138684, AI335363, AI313352, AI334930, AI309443, AI311892, AW268253, BE393784, AI307520, AI312210, AW673679, AA580663, AI340533, AI349266, AI340664, AI334452, AI349787, AI312146, AI312339, AI309431, AI345739, AI348854, AI345258, AI312143, AI340511, AI349637, AV699211, BF968439, BF970355, AI311604, AI349955, AW075093, AI312432, AI312357, BF037292, AI310945, BG105895, AW268072, AI312237, AC000096, AC007731, AC005500, AC004033, AK024369, I09499, AK024538, AJ005690, AB034701, AB016226, AF130068, AL389935, I89947, AF061943, AL137533, A08913, AL137548, I48978, AF192557, A08912, AL117460, AF094480, AK000391, AL137479, D83032, AB048953, S83440, AF217991, S76508, U49908, AL117432, M92439, AF097996, X52128, AF090903, AF130110, AL133565, AL133560, S61953, AF067728, AX042059, Y11254, AF116609, AL133014, AF130105, AK026627, AL133016, AL137521, AL137665, AF169154, U67958, AL359583, AL080234, AL137550, AX019230, AF032666, A08910, AF119883, A08909, A65341, AK026528, AL050024, AB041801, E01314, AL023657, A18777, X82434, A08916, AF118064, AL133558, A08908, AF143723, AK000083, AF008439, AK026628, AR038854, AK027114, I03321, AL389939, AL390154, AF113699, Z13966, E01614, E13364, AF116682, AF285167, I89931, AF113694, AK027081, AL080154, AK027146, AB052191, AL080163, S78214, I89944, AR087170, AK024747, AL050172, U87620, AL133568, U95114, AJ012755, Z97214, AK026600, AL137537, AB049892, AR020905, AK026480, AK026353, AF119860, AB048975, I00734, I89934, AL162083, AK026532, AK027111, AF119894, AK024588, AF130055, E15324, AK025431, AB049880, AK027200, AL359601, E00617, E00717, E00778, AL442072, AL157482, AL096751, AF260436, AF202636, X53587, AK025906, AL137658, AL137271, AL110296, AK025414, AX040974, AK026526, S77771, AL050155, AF114168, AF116639,					
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HOUDS09	1372	908843	1 - 2757	15 - 2771	AU137037, AU139724, AV726797, AI766046, BF690671, BF674420, AW027097, AU154613, AU156994, BF593240, AI675094, AA261857, AU145518, BF590675, AA283057, AI674897, AI805222, AI630208, AW779667, AA282968, AA806859, AA261858, AI143930, AV729051, AA812030, AI640791, AA043782, AA213657, AI126680, AA568974, AA760734, R81901, AA811337, AW075297, R80602, BE247635, R35243, AW470918, R80603, AA579814, AW862052, BF334467, BE696334, AA364260, BG059130, AA282903, R81797, AA736505, BF307232, R35242, T39358, BF205875, AW363736, T39326, T39307, T39316, T39341, T40517, AW891572, AA310137, T40530, R47799, T39334, AW858806, AW470926, AV740446, AV736720, AA713591, T39325, R50432, AI823527, R28674, AV739711, T40515, AA279096, BF332971, T40525, T40518, AW977629, R28533, AI761500, AK024343, and AK023700.
HLWAF59	1373	908860	1 - 1164	15 - 1178	BF571331, BF978217, BE878503, BE465716, BE087241, BF770582, BF904221, BF770577, AA765066, AW904295, R57163, BE082113, BF886035, BE090124, BF431480, AA383435, AW207393, BF842828, BF809745, AI806499, BF919493, AW105563, BF357584, BF880895, AW895015, BF875899, AW104025, and AC008795.
HCFNN18	1374	908915	1 - 544	15 - 558	AI434146, BF974514, AL136370, and AL096747.
HMSCR89	1375	909056	1 - 1817	15 - 1831	AL537236, BE742350, AW957168, AW978202, BE889240, BG114036, BG036215, BG260238, BF968302, BF971204, BF448428, AW070197, AI524194, AW172297, AA573499, BF196911, AW575715, AW170107, BE677830, AI674687, BF669345, AI904073, BE000558, BF434720, BF446056, BF432209, AW369632, AA290723, BG107632, AA731091, AA283710, BF854126, AA047400, N95583, T63128, BE042875, BE889285, AL537235, BF127599, AA694439, BE745186, BE171518, T09374, BF839735, BF732206, BF810523, AA324714, AA379483, AW271726, AA927565, BF529956,

HDPCW53	1376	909101	1 - 1145	15 - 1159	R23530, AW675363, BG260840, AA180253, A1873022, BF902387, AA429145, AA805306, AA608559, BE840931, A1355497, AW603514, BF756738, BF839576, A1250024, AK025904, and AK025118. BF794400, BG036879, AA306977, BE000969, BF352052, AW161063, AB037775, and AB037730.
HTOGI77	1377	909159	1 - 513	15 - 527	BE074857, and AC007676.
HUCOF58	1378	909344	1 - 2923	15 - 2937	AL522376, AL519706, AL531714, AL526798, AL526831, AL525736, AL525802, AL525315, AL525691, AL519707, AL522375, AL525839, BE792809, BE796322, BE743896, BE796567, BE274399, BE796020, BE796664, BE535472, BE260643, BF684007, BF983562, BE543107, BF311070, BG258831, BF528120, BG030916, AV714392, BE889610, BE408007, BE277440, BE618415, BE867723, BG110983, BG181079, BF527074, BF027018, BE264666, BE299203, BE297450, BE264922, BE386448, BF035652, AW410472, BE382754, BE903062, BE407284, BE905907, BG113064, BE298268, BE545526, BG032444, BE266679, AW991399, BE772873, BE884015, A1309611, AW249227, AA442698, A1421417, BF310578, BE312050, BE259606, BF685976, BF970944, BE618656, BE314117, AW248427, AW958233, A1300569, BE564324, BE207989, BE387042, BE261799, A1884919, AW005650, BE061923, AW410704, AW960504, AW601219, BF848073, A1089642, BF342013, AA564704, AL040087, W60773, BE207992, AA903950, A1309614, A1085644, BF347393, AA258978, A1419210, AA009753, BF879231, AA216411, A1865848, BE718378, BF348285, A1683537, AW117839, A1206510, AA453117, A1620366, H58361, BF752057, BF752053, A1520851, AW373946, W42711, AW601221, H42973, AW016488, H08339, F22598, AA494395, A1005664, A1372774, A1565541, H58750, AA778118, A1828095, A1225112, AA576831, BF347545, AA971475, BF352808, A1339860, W42904, BF033582, A1096947, W60487, BF737949, A1243479, AW780312, A1961803, AA706303, AA975280, BF760874, AA449981, A1126822, BF796645, BE410972, BE718404, AW403064, BE890272, W57667, A1096594, AA917878, T16862, H24045, H94211, BF928741, BE831302, R08029, F11443, F09106, H42902, R08078, BE718388, BE718374, Z43495, BE718393, BE718373, BE831316, BE831321, BF846294, A1446598, Z39564, BE718398, AA608866, BE718392, BE831301, A1564884, BE718387, BE718386, H08338, A1245647, AA301909, AW403150, BE718381, BE718412, BE718462, BE718376, BE718450, BE831337, T69855, H80027, BE718396, BE718385, AA135410, BE718469, A1091920, BE718384, BE718433, BE718463, BE718416, BE718439, BE718440, BE831330, BE718406, BE718474, BE718473, BE718461, BE718391, AW247973, BE718428, BE718421, BE718468, A4889882, H24152, A1472790, BE718464, BE718414, BE170203, AW937176, A1567456, T34673, BE718434, AW603147, AW999057, AW768533, BF764766, BE301688, BE718372, BE706857, BE718435, H80028, A1698197, BE718427,

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HAPBL13	1379	909390	1 - 1961	15 - 1975	AL518564, AL519674, AL524125, AL530114, AL518563, BG119582, BE869185, BE734743, AL524124, BG248163, BE736220, BE782619, BF795936, BF033083, BE893350, BF435225, AL519673, BG026633, BF970046, BF692625, BF692541, BE885230, BE393898, BE312030, BE389940, BE892741, BG163906, BE313920, AI241474, AI813813, AI922418, AW631237, AA018345, AW151233, AI420163, BE905414, AW963076, AI922430, W56183, AI671156, AA482598, AW390145, AI018102, AA451942, BE242648, AI419907, AA417581, AA001019, AW473585, BE391031, AA576510, H08477, BF372172, H06603, BF928779, W56260, R69763, AI285366, H07140, R87304, AI357631, AA814595, H06633, A W243905, AI741613, AI762578, BF372164, H43938, AA026966, W22979, BF988194, BE868575, R87305, BF677308, R48432, AI990378, AI459770, H08759, AI949071, AI400794, AW797547, BE550276, T56903, AW750152, AA876261, AA614565, AI000311, AA018346, BF512980, AA450330, AW051437, AA612852, BE076134, AI360869, AI338519, AW613433, AW590872, AI356485, BF992680, AA514688, AA578364, AI696492, AI214800, H89800, AA768838, AI674961, T77366, AI247090, BF811395, AA344443, AV699752, BE833483, AW884714, BE856299, BG152437, AI569050, T56902, R69764, AI623626, BF748071, AA971138, AW367168, AI001995, H52166, AW968355, AA450329, BF003017, AI890057, AI432644, AI623302, AW972092, AI432653, AW081103, AW968356, AI239612, AW972093, AW968729, AA001020, AW858522, AW971740, R48323, R30662, AI432654, AW972091, AI432650, AI431307, AI431316, H89737, BE672759, AW972090, AI431238, AI432677, AW969229, AI432666, AA216315, AI431230, AI431328, AI045327, AW821860, AI431353, AI431312, AI432655, AI431310, AA347637, AW128900, AI431354, AI431323, AI134524, AW953095, AI431321, AI431315, BE833631, AI492519, BF088397, AI431347, BF448552, AI431246, AI432675, AI431243, BE672748, AI432661, AI431337, BE672732, AI042729, AI791349, BE672745, AI047611, AI042655, AI432647, BE672767,

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HZCBH75	1381	909387	1 - 2462	15 - 2476	AF107454, AL525109, BF968132, BG260993, AU125391, BF439992, BF667287, BF666559, BE787193, AW340566, BF980901, BF131428, AA282393, AI635585, BE857014, BF698925, AU145369, BF680887, BF130397, AW953405, AI564770, AA307511, AI094857, AI767771, BF132394, BF669953, BF576213, AI942231, AA037301, BF665081, BE218501, BF680672, T75075, AA400700, W46782, BE618487, AA400655, AW169922, AA307337, AW951664, N28440, AA485147, AA309597, AV722188, AI827798, AU118919, H23497, AW751560, BE972350, AU131474, AI261716, AW753043, AI023953, AA206751, AW438395, AW316878, AI587242, F11062, BE874401, T82820, AW812111, W46783, T82305, F12724, BF374955, N59001, BF332782, Z45760, BF332556, R38518, AA331899, AA296346, AI471180, Z41409, BF879002, BE790376, AI625227, BF969516, F07384, AA485032, F06371, Z43207, AA282051, BE932794, F06352, R13009, AI880884, AI214731, BE618887, H24404, AV706147, AW964541, AV702035, AW966330, AW966389, AW964468, AV705869, AW949645, AI535660, AV707480, AW975618, BE890171, AI535686, AI557751, AV706028, AV706851, AV726812, AV724520, AV704548, C14331, D80045, C14407, AV727418, AW964532, AW973445, D59551, AW973541, AV720791, AV699550, D59859, AV720812, AW960465, AW949586, AW966333, AV718692, AA809122, AV720104, C14344, AA305578, AW966053, AW959627, AV719783, AV720464, AW966041, AW966399, D59275, AV650003, AV718489, AW966059, AW965175, D59317, AW966400, AV720291, AV720150, D52291, AV719632, AV718487, N66429, AK026940, AC005534, AF190665, AK021727, AC007075, AC007097, AX047063, A62298, A82595, AX047064, A84916, AR016808, A62300, AR070327, AR018138, AR071754, AX033851, Z82022, AR087649, AB002449, AB028859, I79511, X64588, AJ132110, AR008278, AR008277, AR008281, AR060385, I14842, AX027925, AR054175, AF058696, AR077702, A63887, and AR060382.
HTLHU05	1382	909665	1 - 1395	15 - 1409	AI827749, BE501922, AI025487, AW662022, AI580407, AI819667, AI223109, AI150036, BF732681, AW087713, AI024234, T18864, AI479322, AA883975, AW341589, AA860213, AI831802, AA913074, AA608857, AI050685, AA860223, AA948538, AI075930, BG037042, BF972639, AW975618, AW966330, AV724520, AW973541,

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HDPPG85	1383	909673	1 - 1750	15 - 1764	AR008277, AR008281, X68127, D50010, A63261, AR077702, Z82022, AR016691, AR016690, AR008408, AR091537, AR092424, AR062872, A70867, I79511, AR093385, AR025207, D13509, A64136, A68321, AR060133, AF123263, AR060382, AR032065, AX015396, and AR008382.
HWMIB81	1384	909678	1 - 1167	15 - 1181	BG024946, BF894277, BF925279, BF851282, BF379136, BE244132, AW402742, AA380395, AA354504, AL047399, AI564067, BF795460, BE704219, AL041067, AL041068, and D30758.
HSYDI55	1385	909692	1 - 1601	15 - 1615	AW969424, BE150442, AW952925, AW380440, BF875200, AW299858, BE245899, AW391525, H78659, H78769, H53674, AA628987, AA447173, AW204470, AA343468, BF694134, AA480342, BE150443, BF758197, AK000528, and AF155118. AL531689, BF975130, BG166578, AV713795, BG256465, AU138732, AU136917, AW188089, BE397937, BE789377, BG169850, BF115624, AI762085, BG178271, BF573578, BF432031, AW273437, BE220494, BF591012, BG171303, BF056174, AW511531, BF195935, AI472328, AW954061, BE500953, AI858271, BE046481, AI440050, BE540278, AI476281, AW304171, AI458243, BE503455, AW956739, AI445711, BE972735, AW136662, BG171279, BF857500, AA164517, AI699703, AA708922, AI268056, H98958, BE813909, AI265884, BE139089, BE503272, AI796023, BF091626, AU156932, T57763, BF222795, AU157726, BF447802, BE220862, AI610309, AI927962, BF205289, AI694704, AW339786, AA971085, AI421319, AA603698, R93782, BG166246, AA465255, N49590, N67740, AI914058, AI190112, AI274909, D20733, BE275478, AW407523, AV682063, AW139929, BE813963, AI217103, AA857052, BE936270, AA827085, AW379725, N49070, AI190529, AA383123, W86964, BE551639, BF439061, H60699, AW615368, BF091557, AW002388, AI341196, AW594520, AI040284, R51650, AA661899, N31773, AA769783, AA812984, AA383124, BF205443, F37231, F24191, BE242063, BE241787, N56201, T60662, T64969, AW664816, AI858737, AA465147, AI420514, BF748531, AI364456, BE207700, AI308213, AI364564, AA984765, AI769568, AW612305, AW996791, BF109474, BE548258, AI638355, AW301000, BF222718, AW610498, AA535238, BE075770, N50200, AI784377, AI569188, T25055, AW996932, AA279845, AW991326, AI699592, BF904839, AA812498, BE814080, AK001954, AF151819, AF257318, AF263364, AB007960, AF263293, AL049597, and AI636746.
HHFJU87	1386	909720	1 - 4093	15 - 4107	AW888219, AU120950, AL529421, AL529422, AL519396, AU132805, AU134243, AU119842, AI056268, BG029323, BG120802, BF980051, BG119518, BG107577, BE867574, BE896064, BE293139, AL519395, AA402681, BG037202, AW769171, AI343372, BF219098, AW961328, BF344227, AW965036, BG179730, AU154263, AI830593, AW997624, BG250141, AI769934, BE296935, BF304496, BF687519, AI828644, AI126507, AA683548, AI973068, AI139495, AI027361, BF062430,

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HDHIB39	1387	909774	1 - 1446	15 - 1460	AL046643, BF062290, AL046644, and AA383293.
HTXSR92	1388	909802	1 - 1347	15 - 1361	BF880998, BF899581, AA320236, AK024488, and AK025091.
HWEAD65	1389	909868	1 - 883	15 - 897	AL519798, BF967338, AI079221, RG120626, AA304143, AW450083, AA781406, BE830104, BE830107, and AC016399.
HUUAR12	1390	909906	1 - 703	15 - 717	AW387096, W32650, AW178917, BF374329, AW387086, AW387109, AW062872, AB018336, and AL122052.
HEMBT61	1391	909941	1 - 451	15 - 465	N86549, AU119707, AW369713, AB002301, and AC008920.
HNTCE17	1392	909957	1 - 853	15 - 867	BE731835, BE900535, AW505346, BE903680, BE895244, BG000781, AL079671, AL079678, BF992762, AW371782, BF753376, AL040960, AK027123, U02313, and AB018350.
HFFAV24	1393	910038	1 - 599	15 - 613	BF984540, AW316850, AA987544, AW956193, AW732633, AA847688, AI061632, BG115584, H29119, BF760396, BE698386, R55898, AI024861, Z17839, AW732945,

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HEOPL36	1394	910057	1 - 2093	15 - 2107		BG032123, AI061632, AW957707, BG119939, BF984540, BG113265, AW316850, AV726623, AW367730, AV726508, AA814516, AW367737, AI754746, BG115584, AA777525, AW367804, BE019677, AW367782, AI097103, BF966784, N30303, AW367773, AW367735, N31888, BE349057, AA847688, AW956193, AA779663, AI923024, AW367809, AA953814, BF432482, AW367777, AW367785, AW404639, AW367237, BF349620, AI827125, AI305265, AI624406, AA582843, N20267, AI292227, AI093328, AA911743, AI684334, AI554543, AA290888, AA503789, AW367806, AW367741, H29119, BE046463, W79584, AW342022, AW338358, AW732633, R55898, AI401634, AW516964, N45284, AI024861, H25738, N31823, AA626619, N42550, AW579526, H17043, H99343, BF432132, AI002168, BE539877, H41983, N33984, AI979180, AI311586, W20290, N78814, BE857138, AW732945, AA564287, AA351508, AA968656, N31566, R75948, H17044, AI372938, BE698386, Z44878, H71114, H60714, H29018, AW367805, AI567783, H53271, AI129803, AA599764, R60811, AI673673, BF760396, T35639, AA158814, AI277345, H60713, H25974, AI423976, R61308, AA582155, T30051, AW579522, AI174537, AI186537, AA705042, M85360, W79783, N29173, R00089, AA161097, N26452, Z17839, F01057, T34112, AI471185, AI023664, N54731, BE172434, BG252507, W31954, AW130265, AW806695, BG166140, T33806, BE708528, H41935, R59766, AA826327, AI244584, N90670, AI202016, AI077600, AW009848, R76786, BG231512, AA987544, AW579524, AW629333, BF927316, N24540, AI432312, AA777544, R09698, AW081089, BF762595, BE221053, T31022, BE207808, BE206709, AI468541, AW089365, Z40650, BE242528, AI217229, AI371184, T77157, Z28806, AA069041, AA505841, BF820293, AI220752, N42027, N42580, AI497869, AA346958, AA160430, T32679, R09699, R55813, BF762602, AI400851, AA298583, AI919072, T33966, BF690173, BF742147, AA159592, AW196132, AA743892, AI689177, BF945478, W31331, BE001277, T34006, AA911196, AW371882, AA301187, BF799470, BF927205, AW367265, AI217099, AA856916, BF799542, BE064322, AA879055, BE179212, BE815874, BF948988, AV693700, AL389984, AF128536, AY007086, AF116648, AL049758, AF128535, AF139495, AF139493, AF139494, AF139492, and AR030257.
HFKJM30	1395	910061	1 - 1170	15 - 1184		AA075233, BE539371, AA306831, BF361796, AW893975, AW993209, N34160, AI750882, and Z21161.
HTEPE35	1396	910083	1 - 825	15 - 839		AI935040, AA861064, AA933697, AA707583, AA872105, AA398866, AA609626,

HIBEG14	1397	910301	1 - 1003	15 - 1017	AA620685, AA435866, AA812556, AA781805, AA993718, AF012362, AI217888, and AA824315. BF309769, BF569808, BE299199, BF307790, BE294022, BF307280, BE889392, BF204619, BF315984, BE875943, AW499957, BF569796, AW328048, AW957614, BF316139, AL046819, AA099341, AA446798, AW608269, BF229954, HI7847, BG252791, BF809120, BE889170, H43800, W22008, AA034999, W23302, BF737282, BE169287, BF315702, AW293778, BF809986, BF745886, AW956176, H45902, AA351298, BG122527, BF727340, BE871070, ZA3942, BE260511, BE825192, AW608295, BF309836, H91434, BE707279, BE742991, BF805060, AA373993, BF881708, BF805243, BE772341, BE728129, BF124933, AI376959, AA205761, BF855456, BF856294, BG105523, BF808170, BE746582, BF759250, BE931592, BE931589, BF997335, H45894, BF725034, AA314509, BF736820, BF805273, BF915876, BF914573, AA348786, BF374343, AW898502, BE185512, AK025330, AK024916, AF068755, D87435, AK025153, AL121928, and AF127523.
HIBCH43	1398	910448	1 - 2156	15 - 2170	AL538373, AI131052, AW961956, BF515998, BF681676, AA523426, AI889021, AA878208, N48374, AA633585, AW073599, AA937104, N38737, W02862, AI004340, N41485, AW005782, AW450150, N73459, AA496267, AI310433, BF955180, AI393818, AI357494, AI491761, AL538374, N29461, BE049328, AW517294, D54111, H00339, AW903429, AA810049, BF448763, AA410656, AA864514, AA255630, AA349755, AA338630, R15175, AL535774, R60777, T40978, D81723, HI7893, AV749211, AA339554, R41626, BF961532, R50877, T61269, ZA2650, R20169, BF947870, R44956, H00299, T05199, T61321, Z38812, H05253, T40055, H84304, T08208, T24545, R50757, AI459735, AV722174, T31283, AW401402, AI861965, R60267, T06066, AI657485, N83963, N87188, N83707, T08351, AB040905, AK000373, U39066, AR018815, AX009614, AF045432, AJ243486, U48697, U48696, AX009612, AF102850, AF011573, AF001863, AF061744, AR091393, X99058, X99056, X99052, Y16299, X99051, X99055, X99060, AX015225, X99057, and Y07542.
HELDY60	1399	910451	1 - 617	15 - 631	AV647669, AV647418, D81111, D80064, C14227, AW966013, C06015, T11417, C14407, AW959582, D80253, AW177440, AV718489, AW966075, AW966065, C14389, AW959136, AW966032, C14298, D80366, AW978634, AW966059, D51079, D80227, AW975618, AV719557, D59859, AV722801, AW978661, AW966053, AW959799, D57483, AW960553, AW753053, D80269, D80168, AW966043, D58246, AI557751, AW958993, AV718692, AW975613, AV699447, AW960473, D80188, D51423, AV699480, AW966029, AV700889, D59889, AW973334, AW966534, AW973474, D81030, AW959597, AW960465, AW965163, AW973307, AW966030, AW966531, D80166, D58101, AV720878, AW966022, D59503, F13647, AW178893, D59619, AW752082, D58283, D80210, D51799, AW960532, D80043, D80240, AV719822,

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HDPX11	1400	910465	1 - 1630	15 - 1644	

HDPBN81	1401	910569	1 - 2853	15 - 2867	BF310904, AA068987, BF887110, BF125045, BE294287, BE297092, BF983414, BF841405, BF823445, AK024427, and AF174603. AU141855, BG254423, BF689928, AW976725, AU136431, AI801897, BF940288, BF732920, BF690154, BF433303, BF195711, AW517339, BF670695, AW467012, AW205776, BF436096, BE247412, BF058747, BF690051, BF689977, A1754077, A1126236, AA994465, N29128, AW303365, AI305201, AI373010, BF594605, AI633879, AA741232, BE466577, BF724464, W44731, BE243897, AI951557, AI268256, AI738529, AI870136, N28029, AI379201, AI761741, AI766228, AA281348, N35179, AA236416, AA768829, AI568382, AI218917, AW337445, AU157004, W38665, H20025, AI160887, BF835485, AU156719, W92895, AI911791, BE244852, AA461295, AW028731, AI433473, H20101, AA815110, BE244807, AI126953, AI351875, AI912253, AW339938, N23395, AA236417, BE222371, AA459710, AW404548, H51393, H49128, BF082381, AW168488, W92818, AI433222, N26729, AA95639, AW138449, N21167, AW207011, BE669624, N34617, BE247011, H50404, AA304033, BF445330, AI692390, AA996188, H99578, AI912577, N21284, H50364, BF872901, AA281349, AI917007, N24224, BE041496, AA357145, AW298198, H51392, AA931978, AA992494, AI005428, BE551312, H21490, H40615, H49060, H27879, AA814328, T12251, AA994344, BE58052, AI205488, T1250, AI917712, H99192, N24475, AW751629, T90814, AA121981, AA121980, T12252, AW751630, AI526078, AV707705, AV705143, AW958106, AW958109, AV705282, Z32887, AW955629, AV706136, AX023769, AF129112, AX019706, AF103906, A94121, AK001896, AX019710, AX019708, AB021665, AF129113, AB029330, and AB022332.
	1402	910686	1 - 799	15 - 813	AL526578, AL517776, BE410566, BE387490, BE378857, AL528093, BF724735, BF984478, BE387459, BE542847, BF305064, BF310629, BE262161, BE391955, BE261272, BE261001, BE302471, BE881458, BE798741, BG178982, BF970835, BE563381, BF851555, AA805310, BF975927, BE018938, BE904955, AA381563, AW883712, AA382642, N42584, AA323574, N31176, BG015922, BG015845, BE273985, AC004126, and AB013721.
HAGAE60	1403	910706	1 - 538	15 - 552	AA453141, Z43057, and AF169693.
HTJN149	1404	910714	1 - 2408	15 - 2422	BF528573, BF966889, BF347124, BF347254, BF527132, BF345915, AI912956, AW005421, AI479888, AI968200, AW051673, BF059512, BF347881, BG056489, AW195692, AA191496, BF508416, AW241557, BE047005, BE502060, BF507946, BE219510, BF437865, AI636555, AI631197, AW268478, AW952293, AV729301, AW297035, AW007504, BF057679, AI817722, AI394250, AW594614, BE765755, AI277737, AI339955, AI394531, AW023543, AA081920, BF934850, AI094744, N47888, BF332929, BF948205, D60233, AW952296, AA453034, AV706502, AA190320, H39689, AI640463, N51145, D60232, BE694035, R36774, BF366736, BE328102, BF837280,

					AI693121, D61426, R24709, AI560458, BE467598, T80514, AW770728, AA321164, AI689851, AI468746, AI161192, R12231, AI203048, AW020660, AA326701, R39949, H28681, R45443, AA321911, H14710, AI459741, AW022696, BE762694, AA370485, E15003, AL137311, AC007748, AC008273, and AC007559.
HUFBA64	1405	910722	1 - 1502	15 - 1516	AV699352, AI640262, AI691066, BE465442, AI215163, AI762251, AW449055, AI867211, AI640454, AI222536, AI222484, AW937129, AA911069, AA910552, AV689858, AV696520, AA994834, AV695257, AI948684, AI762130, AW873454, AW821862, AI942346, AW860126, N64302, AW821865, N58101, BE071153, AW881517, AW862343, BF741462, BE825240, AK000384, AF258676, AF301909, AF276242, AK000226, AK025012, AF258674, AF277159, and AF258675.
HMTAX31	1406	910866	1 - 1173	15 - 1187	BE868556, AV714942, BE910217, AV764304, AW188661, AW963729, AA406582, AA847680, AW167272, AW151243, N25994, AA621715, AI015551, AW513605, AI829183, AI290229, AA410486, AA815315, AI040507, AI818989, AI040765, AI636434, AW167634, AI085194, AI342313, AA406387, AA827049, AA812382, AA769207, AI278749, R60575, AA983613, AV711945, N36626, AV764531, AI283824, AI128463, AA374753, AA911296, AA484968, AA463739, T30540, T53444, AI126964, AA411633, R70442, AA256096, AI655254, AA410304, R37051, AA872115, AA528102, AW385663, AA625487, AA985260, AA411672, AA411671, AA988584, AA284022, H42417, D20266, BE796998, AI916438, AA345748, R69455, H42445, BF432193, AI753452, BF872302, AL079839, BE185223, H82446, AA285169, BE890604, BE774954, AF165519, and AK000383.
HSSAL39	1407	910902	1 - 453	15 - 467	AA377965.
HE8QR01	1408	911011	1 - 1186	15 - 1200	AI971394, AI871742, AA434160, AI139742, AI634480, BF448386, BE670299, AA984007, AI267902, BE218554, AI634496, AI924610, AI632967, AW137060, AI700714, AI339943, AI032179, BE217731, H23429, AA934393, AA033815, AW366943, AX006320, AF188608, M89797, AL031281, AX006322, U25141, and U51267.
HLDQK77	1409	911038	1 - 2870	15 - 2884	AW385785, AW580852, AA430300, AA541688, AA776700, AA679037, AW956718, AW664335, AA573270, AA126614, AL045796, BF435548, AI268236, AA682186, AI963606, AI926591, AW192904, AI924827, AI922590, BF516156, AI032288, AI375804, AA705172, AW081541, AW602610, AA694514, AI130883, AI800450, AA931725, N25288, AI270687, AI366906, AW058362, AI683319, AA436891, BE049444, R59176, AI597744, AI446542, BF928886, W69578, AW453004, AI911821, AI095665, AA687634, AI130013, W69579, R59232, AA722782, AI587015, AI191864, AA398533, AA676733, AI476374, AA115447, AA554327, AA759328, BF743669, AW875443, AW242281, AI139766, AA042956, AA886732, AA664356, AA358590, AA135916, AI565897, AW304844, AA916086, AA618576, R66162, H71919, AA363371, AA430199, AI370031, BF445642, Z44808, AA320329, AI934183, AA393105, AI004140, AA135927, AA042816,

HTXDX21	1410	911129	1 - 1280	15 - 1294	<p>AK027146, E00617, E00717, E00778, AL353940, E01614, E13364, A76335, AB007812, AX006092, AK026592, AL117435, A03736, AF057300, AF057299, X72889, AL359941, AK025407, AK025632, AF116602, AK026506, AF138861, AF139986, A57389, AL122049, AL359622, A07588, AF067728, AX042059, AF091084, AB047941, AF111851, AF116654, AF183393, AK027164, AL110221, AF090900, AL137548, AK026542, AL162004, A18777, AL049283, AL137560, X70685, AL353957, AL359596, AK025084, AL133557, AB047904, AX020124, AF090903, S78214, D83032, AF017437, Y16645, AF119875, AK000137, AK000083, AF090886, AK026927, I66342, AF260566, AF208850, AK024546, AF104032, AR068751, U89966, AR038854, AK026534, AF065135, AF087943, AL359583, AF116609, AL110197, AF116646, AL359601, AL133016, I09499, AL133113, AX026824, AX026823, A58524, A58523, AK024594, AF116691, AK027121, AL122050, AL049430, AK026642, AF113699, AL137271, E02349, I92592, AF026124, A08912, X65873, AL122121, AL389939, AJ012755, AL137463, X81464, AF028823, AF130055, A08908, AL390154, AF069506, AK026741, AL122100, AF242189, AL137533, AF079765, AL137521, AF008439, AF130059, AL162002, AL117457, AK000618, AB049849, AL133558, AB047887, AK026583, AB047623, AK026045, AB052191, AF217987, AF017152, M96857, AF130099, AF130075, AL157482, U80742, and AF090901.</p> <p>AL352995, AL535124, AL530055, AL519514, AL537312, AL528319, AL533352, AL529134, BF568175, BE741905, BG034104, BE547352, BE274622, BE731333, BF797010, BF306620, BF313124, BE275949, BE782406, BF338397, BE892479, BF203819, BF316551, BF310719, BF307040, BE384333, BE792462, BE383396, BE903632, BF689654, BE907819, BE736356, BE902781, AL528318, BE295219, AW385210, BE270419, AW952767, BG178860, BE311434, BF339641, BE298827, AW580494, BE796299, AL537859, AA203288, BF970396, AW248202, BE789240, AV658200, AW381812, BE152139, AW381820, BE152125, BF839907, BF876381, BF870245, AW381788, AW606103, BF872594, BE879361, H08032, R59408, AA251711, AL519513, AW391962, H38466, AW392072, AW675189, BE812161, AL529133, T08885, BF820870, Z45125, AW607111, BF929671, AA284122, R55922, R71422, AA132573, AA338727, BE394425, T19067, R19873, AA380273, AA306741, AW606114, H20224, BF956569, T32135, BF690553, BF725598, H14335, BE089898, BE936323, R71855, AA349258, AV750136, AA292979, BE838786, AA453179, BF897605, AW392152, R61099, T30961, BE792196, R48687, AA017424, AA339088, BF921563, D60752, AL047640, BF839916, R81429, AA434198, F07759, BF568898, AA043907, BF090429, H21242, H20698, H19959, N45020, AA078592, H46841, H85906, AW581682, H18360, AA017593, AI907987, AW247172, AA131344, D79023, AW888925, AW605244, AA477846, AA302385, BF351770, D52938, AV705566, AV706886, AV707687,</p>
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						BE621920, AA404213, AW391963, W39054, AW803820, D56251, W60672, AA308717, W60671, BF955063, BE350704, AA321261, AA069353, AA523404, W93904, AA843927, AA410846, AA984067, AA477522, BF847878, BF925418, AK026590, AF226732, and AC005067.
HMSHP51	1411	911153	1 - 1486	15 - 1500		BE903295, BG254805, BF794000, BF968496, BE272169, BG260638, AL120746, AL522917, BE543592, BE297251, BF529609, BE720216, BE720217, BF341980, BE244419, AL120747, BE245182, AW117671, AW300899, BE244953, BE243858, BF895795, AI652660, BF929240, AW629889, BE246315, AA569672, AA569649, AA244194, BE221131, BE242172, R35109, AA324440, AA339557, AW613411, AW796843, AI203708, AW167744, AA436513, AJ778267, BE246596, W79935, AI056797, AW572079, BF833240, AW057743, AI582819, AA677278, AA131340, BE242875, N78637, AI096486, AI609750, AW074046, AI208439, BE246782, W78110, AA716407, AI084144, W27763, BE244169, AA490824, AI753217, BE044814, AA334708, F24526, AI423068, AI139883, AA723727, AI886757, AA626327, AA251510, AI032915, R13997, AA642228, AI869581, AA740620, AW079414, AI004337, BF928163, AI656957, AI864899, AI682403, C00729, AA431957, BE242652, BF588823, F25694, AW732243, AA447589, AA468903, AA129460, BE243424, BF592584, AA719083, BF591758, T35337, T03781, BF342042, AI038540, BF851699, BF197941, R49497, BE242812, AA448088, AW139526, BF913014, BE246926, AA244268, BG149257, BF913018, AW969318, AA251639, AA002030, AA719165, BG230523, AW798250, AW893238, AA399600, and AF151845.
HUPBB56	1412	778816	1 - 508	15 - 522		AI803011, W44759, AA046886, BE674240, AI831233, AI302073, AW340759, AW236130, AI093394, AI935787, BE504265, BE504248, AW589954, AA150960, AW466913, AU146133, AI973084, BF196728, AA936951, BF446143, AI418623, AI435580, AW956422, AI264581, AI671022, AU146787, AW118839, AW665544, AI191597, BE645619, AI675809, AI242558, AW088730, AI800707, AA046979, AW296225, W73928, AA421100, N70304, AU150654, AA031539, AI564140, BF477497, AW265034, AW235148, BE535837, AA243847, AA084054, AI273243, AA226593, BE044190, AL526528, AW294446, AA421099, AA422134, AL521295, BF966843, AI433141, T50069, AI276055, AI097360, AW663063, F32723, AI814125, H28027, AL526867, AA652326, AI797634, AW589926, AI168830, AI650824, AA496314, AI971370, AI150958, AW614139, AW305179, AA233111, BE908703, R24074, AW236726, AI302409, AW612139, H77423, AI298574, D59998, AI077484, AI969750, W04250, AL520535, AW875716, AA226401, BE044224, BF476540, AA770396, AW601638, R31691, H78541, AA340545, AL532967, AA122285, H79028, AW614495, H54014, AA026139, D60652, D60653, R15482, H05830, AA689289, AA629153, AW384798, AV651502, AW589213, BF695131, H39508, R24127, AW192348,

						AW296783, BE076193, W79047, BF966894, AA033515, AA081773, AI696661, AA766234, AV727476, AL525396, AA913310, AW384825, BE545123, AA084053, BF932613, AW995404, AK021925, AK000480, and AK022780.
HPWAS05	1413	843051	1 - 678	15 - 692		AW578499, AW578486, AW578466, AW962801, AW853617, AW853484, AA355417, H50788, AW604417, AW578516, BE769873, BF742693, BF944347, BF085020, BF376802, BE938438, AW510783, AW404210, AU148184, AA676210, AW361374, AL117348, AB018335, AK022502, and AK022465.
HUSIC81	1414	886711	1 - 1056	15 - 1070		BG252894, BG252656, BE905485, BG114831, BG249923, BF986308, AL048954, BF105260, BF382321, BE872774, BE541890, BF697715, BF984881, AA457625, BF815719, BF755168, AW860753, AW993684, AV708152, BE867752, AA557778, BF802746, BF664978, BE938703, AA044378, Z24930, BF887305, BF037687, BE933732, AV696527, AA296931, Z32781, R78864, R37535, BF815237, AV695738, AW993023, AW974216, N31845, BE696398, BE620095, T31498, AA579908, AW974217, BF799275, AW366456, AA437015, BF815345, AV748930, BF132467, BF802748, AW366514, AW860733, AW860769, BF733961, BE932064, BE086739, BF210190, T36185, BF029928, BE932056, AV713753, AW958924, BE768063, AW606977, AW993306, BF986296, AW364905, BE719765, BE932712, BF741954, BE932705, AW407667, H12700, H03274, BG179582, BE173827, BE002433, AF269150, A91337, AF116347, AK000756, AF160213, AF269151, A78983, and A78984.
HUCPE29	1415	897919	1 - 1205	15 - 1219		BF109175, and AI932636.

TABLE 4

Code	Description	Tissue	Organ	Cell Line	Disease	Vector
AR022	a_Heart	a_Heart				
AR023	a_Liver	a_Liver				
AR024	a_mammary gland	a_mammary gland				
AR025	a_Prostate	a_Prostate				
AR026	a_small intestine	a_small intestine				
AR027	a_Stomach	a_Stomach				
AR028	Blood B cells	Blood B cells				
AR029	Blood B cells activated	Blood B cells activated				
AR030	Blood B cells resting	Blood B cells resting				
AR031	Blood T cells activated	Blood T cells activated				
AR032	Blood T cells resting	Blood T cells resting				
AR033	brain	brain				
AR034	breast	breast				
AR035	breast cancer	breast cancer				
AR036	Cell Line CAOV3	Cell Line CAOV3				
AR037	cell line PA-1	cell line PA-1				
AR038	cell line transformed	cell line transformed				
AR039	colon	colon				
AR040	colon (9808co65R)	colon (9808co65R)				
AR041	colon (9809co15)	colon (9809co15)				
AR042	colon cancer	colon cancer				
AR043	colon cancer (9808co64R)	colon cancer (9808co64R)				
AR044	colon cancer 9809co14	colon cancer 9809co14				
AR045	corn clone 5	corn clone 5				
AR046	corn clone 6	corn clone 6				
AR047	corn clone2	corn clone2				
AR048	corn clone3	corn clone3				
AR049	Corn Clone4	Corn Clone4				
AR050	Donor II B Cells 24hrs	Donor II B Cells 24hrs				
AR051	Donor II B Cells 72hrs	Donor II B Cells 72hrs				
AR052	Donor II B-Cells 24 hrs.	Donor II B-Cells 24 hrs.				
AR053	Donor II B-Cells 72hrs	Donor II B-Cells 72hrs				
AR054	Donor II Resting B Cells	Donor II Resting B Cells				
AR055	Heart	Heart				
AR056	Human Lung (clonotech)	Human Lung (clonotech)				
AR057	Human Mammary (clonotech)	Human Mammary (clonotech)				
AR058	Human Thymus (clonotech)	Human Thymus (clonotech)				
AR059	Jurkat (unstimulated)	Jurkat (unstimulated)				
AR060	Kidney	Kidney				
AR061	Liver	Liver				
AR062	Liver (Clonotech)	Liver (Clonotech)				
AR063	Lymphocytes chronic lymphocytic leukaemia	Lymphocytes chronic lymphocytic leukaemia				

AR064	Lymphocytes diffuse large B cell lymphoma	Lymphocytes diffuse large B cell lymphoma				
AR065	Lymphocytes follicular lymphoma	Lymphocytes follicular lymphoma				
AR066	normal breast	normal breast				
AR067	Normal Ovarian (4004901)	Normal Ovarian (4004901)				
AR068	Normal Ovary 9508G045	Normal Ovary 9508G045				
AR069	Normal Ovary 9701G208	Normal Ovary 9701G208				
AR070	Normal Ovary 9806G005	Normal Ovary 9806G005				
AR071	Ovarian Cancer	Ovarian Cancer				
AR072	Ovarian Cancer (9702G001)	Ovarian Cancer (9702G001)				
AR073	Ovarian Cancer (9707G029)	Ovarian Cancer (9707G029)				
AR074	Ovarian Cancer (9804G011)	Ovarian Cancer (9804G011)				
AR075	Ovarian Cancer (9806G019)	Ovarian Cancer (9806G019)				
AR076	Ovarian Cancer (9807G017)	Ovarian Cancer (9807G017)				
AR077	Ovarian Cancer (9809G001)	Ovarian Cancer (9809G001)				
AR078	ovarian cancer 15799	ovarian cancer 15799				
AR079	Ovarian Cancer 17717AID	Ovarian Cancer 17717AID				
AR080	Ovarian Cancer 4004664B1	Ovarian Cancer 4004664B1				
AR081	Ovarian Cancer 4005315A1	Ovarian Cancer 4005315A1				
AR082	ovarian cancer 94127303	ovarian cancer 94127303				
AR083	Ovarian Cancer 96069304	Ovarian Cancer 96069304				
AR084	Ovarian Cancer 9707G029	Ovarian Cancer 9707G029				
AR085	Ovarian Cancer 9807G045	Ovarian Cancer 9807G045				
AR086	ovarian cancer 9809G001	ovarian cancer 9809G001				
AR087	Ovarian Cancer 9905C032RC	Ovarian Cancer 9905C032RC				
AR088	Ovarian cancer 9907 C00 3rd	Ovarian cancer 9907 C00 3rd				
AR089	Prostate	Prostate				
AR090	Prostate (clonotech)	Prostate (clonotech)				
AR091	prostate cancer	prostate cancer				
AR092	prostate cancer #15176	prostate cancer #15176				
AR093	prostate cancer #15509	prostate cancer #15509				
AR094	prostate cancer #15673	prostate cancer #15673				
AR095	Small Intestine (Clontech)	Small Intestine (Clontech)				
AR096	Spleen	Spleen				
AR097	Thymus T cells activated	Thymus T cells activated				

AR098	Thymus T cells resting	Thymus T cells resting				
AR099	Tonsil	Tonsil				
AR100	Tonsil germinal center centroblast	Tonsil germinal center centroblast				
AR101	Tonsil germinal center B cell	Tonsil germinal center B cell				
AR102	Tonsil lymph node	Tonsil lymph node				
AR103	Tonsil memory B cell	Tonsil memory B cell				
AR104	Whole Brain	Whole Brain				
AR105	Xenograft ES-2	Xenograft ES-2				
AR106	Xenograft SW626	Xenograft SW626				
H0002	Human Adult Heart	Human Adult Heart	Heart			Uni-ZAP XR
H0003	Human Adult Liver	Human Adult Liver	Liver			Uni-ZAP XR
H0004	Human Adult Spleen	Human Adult Spleen	Spleen			Uni-ZAP XR
H0006	Human Frontal Lobe of Brain					Uni-ZAP XR
H0007	Human Cerebellum	Human Cerebellum	Brain			Uni-ZAP XR
H0008	Whole 6 Week Old Embryo					Uni-ZAP XR
H0009	Human Fetal Brain					Uni-ZAP XR
H0011	Human Fetal Kidney	Human Fetal Kidney	Kidney			Uni-ZAP XR
H0012	Human Fetal Kidney	Human Fetal Kidney	Kidney			Uni-ZAP XR
H0013	Human 8 Week Whole Embryo	Human 8 Week Old Embryo	Embryo			Uni-ZAP XR
H0014	Human Gall Bladder	Human Gall Bladder	Gall Bladder			Uni-ZAP XR
H0015	Human Gall Bladder, fraction II	Human Gall Bladder	Gall Bladder			Uni-ZAP XR
H0016	Human Greater Omentum	Human Greater Omentum	peritoneum			Uni-ZAP XR
H0017	Human Greater Omentum	Human Greater Omentum	peritoneum			Uni-ZAP XR
H0018	Human Greater Omentum, fII remake	Human Greater Omentum	peritoneum			Uni-ZAP XR
H0020	Human Hippocampus	Human Hippocampus	Brain			Uni-ZAP XR
H0021	Human Infant Adrenal Gland	Human Infant Adrenal Gland	Adrenal gland			Uni-ZAP XR
H0022	Jurkat Cells	Jurkat T-Cell Line				Lambda ZAP II
H0023	Human Fetal Lung					Uni-ZAP XR
H0024	Human Fetal Lung III	Human Fetal Lung	Lung			Uni-ZAP XR
H0026	Namalwa Cells	Namalwa B-Cell Line, EBV immortalized				Lambda ZAP II
H0028	Human Old Ovary	Human Old Ovary	Ovary			pBluescript
H0029	Human Pancreas	Human Pancreas	Pancreas			Uni-ZAP XR
H0030	Human Placenta					Uni-ZAP XR
H0031	Human Placenta	Human Placenta	Placenta			Uni-ZAP XR
H0032	Human Prostate	Human Prostate	Prostate			Uni-ZAP XR
H0033	Human Pituitary	Human Pituitary				Uni-ZAP XR
H0036	Human Adult Small Intestine	Human Adult Small Intestine	Small Int.			Uni-ZAP XR
H0037	Human Adult Small Intestine	Human Adult Small Intestine	Small Int.			pBluescript
H0038	Human Testes	Human Testes	Testis			Uni-ZAP XR
H0039	Human Pancreas Tumor	Human Pancreas Tumor	Pancreas		disease	Uni-ZAP XR
H0040	Human Testes Tumor	Human Testes Tumor	Testis		disease	Uni-ZAP XR

H0041	Human Fetal Bone	Human Fetal Bone	Bone			Uni-ZAP XR
H0042	Human Adult Pulmonary	Human Adult Pulmonary	Lung			Uni-ZAP XR
H0044	Human Cornea	Human Cornea	eye			Uni-ZAP XR
H0045	Human Esophagus, Cancer	Human Esophagus, cancer	Esophagus		disease	Uni-ZAP XR
H0046	Human Endometrial Tumor	Human Endometrial Tumor	Uterus		disease	Uni-ZAP XR
H0047	Human Fetal Liver	Human Fetal Liver	Liver			Uni-ZAP XR
H0048	Human Pineal Gland	Human Pineal Gland				Uni-ZAP XR
H0049	Human Fetal Kidney	Human Fetal Kidney	Kidney			Uni-ZAP XR
H0050	Human Fetal Heart	Human Fetal Heart	Heart			Uni-ZAP XR
H0051	Human Hippocampus	Human Hippocampus	Brain			Uni-ZAP XR
H0052	Human Cerebellum	Human Cerebellum	Brain			Uni-ZAP XR
H0053	Human Adult Kidney	Human Adult Kidney	Kidney			Uni-ZAP XR
H0056	Human Umbilical Vein, Endo. remake	Human Umbilical Vein Endothelial Cells	Umbilical vein			Uni-ZAP XR
H0057	Human Fetal Spleen					Uni-ZAP XR
H0058	Human Thymus Tumor	Human Thymus Tumor	Thymus		disease	Lambda ZAP II
H0059	Human Uterine Cancer	Human Uterine Cancer	Uterus		disease	Lambda ZAP II
H0060	Human Macrophage	Human Macrophage	Blood	Cell Line		pBluescript
H0061	Human Macrophage	Human Macrophage	Blood	Cell Line		pBluescript
H0063	Human Thymus	Human Thymus	Thymus			Uni-ZAP XR
H0065	Human Esophagus, Normal	Human Esophagus, normal	Esophagus			Uni-ZAP XR
H0067	Human left hemisphere, adult	Human Left Hemisphere, Adult	Brain			Lambda ZAP II
H0068	Human Skin Tumor	Human Skin Tumor	Skin		disease	Uni-ZAP XR
H0069	Human Activated T-Cells	Activated T-Cells	Blood	Cell Line		Uni-ZAP XR
H0070	Human Pancreas	Human Pancreas	Pancreas			Uni-ZAP XR
H0071	Human Infant Adrenal Gland	Human Infant Adrenal Gland	Adrenal gland			Uni-ZAP XR
H0073	Human Leiomyeloid Carcinoma	Human Leiomyeloid Carcinoma	Muscle		disease	Uni-ZAP XR
H0074	Human Platelets	Human Platelets	Blood	Cell Line		Uni-ZAP XR
H0075	Human Activated T-Cells (II)	Activated T-Cells	Blood	Cell Line		Uni-ZAP XR
H0077	Human Thymus Tumor	Human Thymus Tumor	Thymus		disease	Lambda ZAP II
H0078	Human Lung Cancer	Human Lung Cancer	Lung		disease	Lambda ZAP II
H0079	Human Whole 7 Week Old Embryo (II)	Human Whole 7 Week Old Embryo	Embryo			Uni-ZAP XR
H0080	Human Whole 6 Week Old Embryo (II)	Human Whole Six Week Old Embryo	Embryo			Lambda ZAP II
H0081	Human Fetal Epithelium (Skin)	Human Fetal Skin	Skin			Uni-ZAP XR
H0082	Human Fetal Muscle	Human Fetal Muscle	Sk Muscle			Uni-ZAP XR
H0083	HUMAN JURKAT MEMBRANE BOUND POLYSOMES	Jurkat Cells				Uni-ZAP XR
H0084	Human Namalwa Membrane Bound Polysomes	Namalwa Cells				Uni-ZAP XR
H0085	Human Colon	Human Colon				Lambda ZAP II
H0086	Human epithelioid	Epithelioid	Sk Muscle		disease	Uni-ZAP XR

	sarcoma	Sarcoma, muscle				
H0087	Human Thymus	Human Thymus				pBluescript
H0090	Human T-Cell Lymphoma	T-Cell Lymphoma	T-Cell		disease	Uni-ZAP XR
H0092	Human Pancreas Tumor	Human Pancreas Tumor	Pancreas		disease	Uni-ZAP XR
H0093	Human Greater Omentum Tumor	Human Greater Omentum	peritoneum		disease	Uni-ZAP XR
H0095	Human Greater Omentum, RNA Remake	Human Greater Omentum	peritoneum			Uni-ZAP XR
H0096	Human Parotid Cancer	Human Parotid Cancer	Parotid		disease	Lambda ZAP II
H0097	Human Adult Heart, subtracted	Human Adult Heart	Heart			pBluescript
H0098	Human Adult Liver, subtracted	Human Adult Liver	Liver			Uni-ZAP XR
H0099	Human Lung Cancer, subtracted	Human Lung Cancer	Lung			pBluescript
H0100	Human Whole Six Week Old Embryo	Human Whole Six Week Old Embryo	Embryo			Uni-ZAP XR
H0101	Human 7 Weeks Old Embryo, subtracted	Human Whole 7 Week Old Embryo	Embryo			Lambda ZAP II
H0102	Human Whole 6 Week Old Embryo (II), subt	Human Whole Six Week Old Embryo	Embryo			pBluescript
H0103	Human Fetal Brain, subtracted	Human Fetal Brain	Brain			Uni-ZAP XR
H0105	Human Fetal Heart, subtracted	Human Fetal Heart	Heart			pBluescript
H0107	Human Infant Adrenal Gland, subtracted	Human Infant Adrenal Gland	Adrenal gland			pBluescript
H0108	Human Adult Lymph Node, subtracted	Human Adult Lymph Node	Lymph Node			Uni-ZAP XR
H0109	Human Macrophage, subtracted	Macrophage	Blood	Cell Line		pBluescript
H0110	Human Old Ovary, subtracted	Human Old Ovary	Ovary			pBluescript
H0111	Human Placenta, subtracted	Human Placenta	Placenta			pBluescript
H0112	Human Parathyroid Tumor, subtracted	Human Parathyroid Tumor	Parathyroid			pBluescript
H0116	Human Thymus Tumor, subtracted	Human Thymus Tumor	Thymus			pBluescript
H0118	Human Adult Kidney	Human Adult Kidney	Kidney			Uni-ZAP XR
H0119	Human Pediatric Kidney	Human Pediatric Kidney	Kidney			Uni-ZAP XR
H0120	Human Adult Spleen, subtracted	Human Adult Spleen	Spleen			Uni-ZAP XR
H0121	Human Cornea, subtracted	Human Cornea	eye			Uni-ZAP XR
H0122	Human Adult Skeletal Muscle	Human Skeletal Muscle	Sk Muscle			Uni-ZAP XR
H0123	Human Fetal Dura Mater	Human Fetal Dura Mater	Brain			Uni-ZAP XR
H0124	Human Rhabdomyosarcoma	Human Rhabdomyosarcoma	Sk Muscle		disease	Uni-ZAP XR
H0125	Cem cells cyclohexamide treated	Cyclohexamide Treated Cem, Jurkat, Raji, and Supt	Blood	Cell Line		Uni-ZAP XR
H0128	Jurkat cells, thiouridine activated	Jurkat Cells				Uni-ZAP XR
H0130	LNCAP untreated	LNCAP Cell Line	Prostate	Cell Line		Uni-ZAP XR
H0131	LNCAP + 0.3nM R1881	LNCAP Cell Line	Prostate	Cell Line		Uni-ZAP XR
H0132	LNCAP + 30nM R1881	LNCAP Cell Line	Prostate	Cell Line		Uni-ZAP XR
H0134	Raji Cells, cyclohexamide	Cyclohexamide	Blood	Cell Line		Uni-ZAP XR

	treated	Treated Cem, Jurkat, Raji, and Supt				
H0135	Human Synovial Sarcoma	Human Synovial Sarcoma	Synovium			Uni-ZAP XR
H0136	Supt Cells, cyclohexamide treated	Cyclohexamide Treated Cem, Jurkat, Raji, and Supt	Blood	Cell Line		Uni-ZAP XR
H0140	Activated T-Cells, 8 hrs.	Activated T-Cells	Blood	Cell Line		Uni-ZAP XR
H0141	Activated T-Cells, 12 hrs.	Activated T-Cells	Blood	Cell Line		Uni-ZAP XR
H0142	MCF7 Cell Line	MCF7 Cell line	Breast	Cell Line		Uni-ZAP XR
H0144	Nine Week Old Early Stage Human	9 Wk Old Early Stage Human	Embryo			Uni-ZAP XR
H0147	Human Adult Liver	Human Adult Liver	Liver			Uni-ZAP XR
H0149	7 Week Old Early Stage Human, subtracted	Human Whole 7 Week Old Embryo	Embryo			Uni-ZAP XR
H0150	Human Epididymus	Epididymis	Testis			Uni-ZAP XR
H0151	Early Stage Human Liver	Human Fetal Liver	Liver			Uni-ZAP XR
H0154	Human Fibrosarcoma	Human Skin Fibrosarcoma	Skin		disease	Uni-ZAP XR
H0156	Human Adrenal Gland Tumor	Human Adrenal Gland Tumor	Adrenal Gland		disease	Uni-ZAP XR
H0157	Activated T-Cells, 0 hrs, ligation 2	Activated T-Cells	Blood	Cell Line		Uni-ZAP XR
H0158	Activated T-Cells, 4 hrs., ligation 2	Activated T-Cells	Blood	Cell Line		Uni-ZAP XR
H0159	Activated T-Cells, 8 hrs., ligation 2	Activated T-Cells	Blood	Cell Line		Uni-ZAP XR
H0161	Activated T-Cells, 24 hrs., ligation 2	Activated T-Cells	Blood	Cell Line		Uni-ZAP XR
H0163	Human Synovium	Human Synovium	Synovium			Uni-ZAP XR
H0164	Human Trachea Tumor	Human Trachea Tumor	Trachea		disease	Uni-ZAP XR
H0165	Human Prostate Cancer, Stage B2	Human Prostate Cancer, stage B2	Prostate		disease	Uni-ZAP XR
H0166	Human Prostate Cancer, Stage B2 fraction	Human Prostate Cancer, stage B2	Prostate		disease	Uni-ZAP XR
H0167	Activated T-Cells, 24 hrs.	Activated T-Cells	Blood	Cell Line		Uni-ZAP XR
H0169	Human Prostate Cancer, Stage C fraction	Human Prostate Cancer, stage C	Prostate		disease	Uni-ZAP XR
H0170	12 Week Old Early Stage Human	Twelve Week Old Early Stage Human	Embryo			Uni-ZAP XR
H0171	12 Week Old Early Stage Human, II	Twelve Week Old Early Stage Human	Embryo			Uni-ZAP XR
H0172	Human Fetal Brain, random primed	Human Fetal Brain	Brain			Lambda ZAP II
H0173	Human Cardiomyopathy, RNA remake	Human Cardiomyopathy	Heart		disease	Uni-ZAP XR
H0176	CAMA1Ee Cell Line	CAMA1Ee Cell Line	Breast	Cell Line		Uni-ZAP XR
H0177	CAMA1Ee Cell Line	CAMA1Ee Cell Line	Breast	Cell Line		Uni-ZAP XR
H0178	Human Fetal Brain	Human Fetal Brain	Brain			Uni-ZAP XR
H0179	Human Neutrophil	Human Neutrophil	Blood	Cell Line		Uni-ZAP XR
H0180	Human Primary Breast Cancer	Human Primary Breast Cancer	Breast		disease	Uni-ZAP XR
H0181	Human Primary Breast Cancer	Human Primary Breast Cancer	Breast		disease	Uni-ZAP XR
H0182	Human Primary Breast Cancer	Human Primary Breast Cancer	Breast		disease	Uni-ZAP XR
H0183	Human Colon Cancer	Human Colon Cancer	Colon		disease	Uni-ZAP XR
H0184	Human Colon Cancer, metasticized to live	Human Colon Cancer, metasticized	Liver		disease	Lambda ZAP II

		to liver				
H0185	Activated T-Cell labeled with 4-thioluri	T-Cells	Blood	Cell Line		Lambda ZAP II
H0187	Resting T-Cell	T-Cells	Blood	Cell Line		Lambda ZAP II
H0188	Human Normal Breast	Human Normal Breast	Breast			Uni-ZAP XR
H0189	Human Resting Macrophage	Human Macrophage/Monocytes	Blood	Cell Line		Uni-ZAP XR
H0190	Human Activated Macrophage (LPS)	Human Macrophage/Monocytes	Blood	Cell Line		Uni-ZAP XR
H0191	Human Activated Macrophage (LPS), thiour	Human Macrophage/Monocytes	Blood	Cell Line		Uni-ZAP XR
H0192	Cem Cells, cyclohexamide treated, subtra	Cyclohexamide Treated Cem, Jurkat, Raji, and Supt	Blood	Cell Line		Uni-ZAP XR
H0194	Human Cerebellum, subtracted	Human Cerebellum	Brain			pBluescript
H0196	Human Cardiomyopathy, subtracted	Human Cardiomyopathy	Heart			Uni-ZAP XR
H0197	Human Fetal Liver, subtracted	Human Fetal Liver	Liver			Uni-ZAP XR
H0198	Human Fetal Liver, subtracted, pos. clon	Human Fetal Liver	Liver			Uni-ZAP XR
H0199	Human Fetal Liver, subtracted, neg clone	Human Fetal Liver	Liver			Uni-ZAP XR
H0200	Human Greater Omentum, fract II remake,	Human Greater Omentum	peritoneum			Uni-ZAP XR
H0201	Human Hippocampus, subtracted	Human Hippocampus	Brain			pBluescript
H0202	Jurkat Cells, cyclohexamide treated, subtraction	Cyclohexamide Treated Cem, Jurkat, Raji, and Supt	Blood	Cell Line		Uni-ZAP XR
H0203	Jurkat Cells, cyclohexamide treated, dif	Cyclohexamide Treated Cem, Jurkat, Raji, and Supt	Blood	Cell Line		Uni-ZAP XR
H0204	Human Colon Cancer, subtracted	Human Colon Cancer	Colon			pBluescript
H0205	Human Colon Cancer, differential	Human Colon Cancer	Colon			pBluescript
H0207	LNCAP, differential expression	LNCAP Cell Line	Prostate	Cell Line		pBluescript
H0208	Early Stage Human Lung, subtracted	Human Fetal Lung	Lung			pBluescript
H0211	Human Prostate, differential expression	Human Prostate	Prostate			pBluescript
H0212	Human Prostate, subtracted	Human Prostate	Prostate			pBluescript
H0213	Human Pituitary, subtracted	Human Pituitary				Uni-ZAP XR
H0214	Raji cells, cyclohexamide treated, subtracted	Cyclohexamide Treated Cem, Jurkat, Raji, and Supt	Blood	Cell Line		pBluescript
H0215	Raji cells, cyclohexamide treated, differentially expressed	Cyclohexamide Treated Cem, Jurkat, Raji, and Supt	Blood	Cell Line		pBluescript
H0216	Supt cells, cyclohexamide treated, subtracted	Cyclohexamide Treated Cem, Jurkat, Raji, and Supt	Blood	Cell Line		pBluescript

H0217	Supt cells, cyclohexamide treated, differentially expressed	Cyclohexamide Treated Cem, Jurkat, Raji, and Supt	Blood	Cell Line		pBluescript
H0218	Activated T-Cells, 0hrs, subtracted	Activated T-Cells	Blood	Cell Line		Uni-ZAP XR
H0219	Activated T-Cells, 0hrs, differentially expressed	Activated T-Cells	Blood	Cell Line		Uni-ZAP XR
H0220	Activated T-Cells, 4 hrs, subtracted	Activated T-Cells	Blood	Cell Line		Uni-ZAP XR
H0221	Activated T-Cells, 4 hrs, differentially expressed	Activated T-Cells	Blood	Cell Line		Uni-ZAP XR
H0222	Activated T-Cells, 8 hrs, subtracted	Activated T-Cells	Blood	Cell Line		Uni-ZAP XR
H0223	Activated T-Cells, 8 hrs, differentially expressed	Activated T-Cells	Blood	Cell Line		Uni-ZAP XR
H0224	Activated T-Cells, 12 hrs, subtracted	Activated T-Cells	Blood	Cell Line		Uni-ZAP XR
H0225	Activated T-Cells, 12hrs, differentially expressed	Activated T-Cells	Blood	Cell Line		Uni-ZAP XR
H0228	C7MCF7 cell line, estrogen treated	C7MCF7 Cell Line, estrogen treated	Breast	Cell Line		Uni-ZAP XR
H0229	Early Stage Human Brain, random primed	Early Stage Human Brain	Brain			Lambda ZAP II
H0230	Human Cardiomyopathy, diff exp	Human Cardiomyopathy	Heart		disease	Uni-ZAP XR
H0231	Human Colon, subtraction	Human Colon				pBluescript
H0232	Human Colon, differential expression	Human Colon				pBluescript
H0234	human colon cancer, metastatic to liver, differentially expressed	Human Colon Cancer, metastaticized to liver	Liver			pBluescript
H0235	Human colon cancer, metaticized to liver, subtraction	Human Colon Cancer, metastaticized to liver	Liver			pBluescript
H0238	Human Myometrium Leiomyoma	Human Myometrium Leiomyoma	Uterus		disease	Uni-ZAP XR
H0239	Human Kidney Tumor	Human Kidney Tumor	Kidney		disease	Uni-ZAP XR
H0241	C7MCF7 cell line, estrogen treated, subtraction	C7MCF7 Cell Line, estrogen treated	Breast	Cell Line		Uni-ZAP XR
H0242	Human Fetal Heart, Differential (Fetal-Specific)	Human Fetal Heart	Heart			pBluescript
H0244	Human 8 Week Whole Embryo, subtracted	Human 8 Week Old Embryo	Embryo			Uni-ZAP XR
H0245	Human 8 Week Whole Embryo, differential	Human 8 Week Old Embryo	Embryo			Uni-ZAP XR
H0246	Human Fetal Liver-Enzyme subtraction	Human Fetal Liver	Liver			Uni-ZAP XR
H0247	Human Membrane Bound Polysomes- Enzyme Subtraction	Human Membrane Bound Polysomes	Blood	Cell Line		Uni-ZAP XR
H0249	HE7, subtracted by hybridization with E7 cDNA	Human Whole 7 Week Old Embryo	Embryo			Uni-ZAP XR
H0250	Human Activated Monocytes	Human Monocytes				Uni-ZAP XR
H0251	Human Chondrosarcoma	Human Chondrosarcoma	Cartilage		disease	Uni-ZAP XR
H0252	Human Osteosarcoma	Human Osteosarcoma	Bone		disease	Uni-ZAP XR

H0253	Human adult testis, large inserts	Human Adult Testis	Testis			Uni-ZAP XR
H0254	Breast Lymph node cDNA library	Breast Lymph Node	Lymph Node			Uni-ZAP XR
H0255	breast lymph node CDNA library	Breast Lymph Node	Lymph Node			Lambda ZAP II
H0256	HL-60, unstimulated	Human HL-60 Cells, unstimulated	Blood	Cell Line		Uni-ZAP XR
H0257	HL-60, PMA 4H	HL-60 Cells, PMA stimulated 4H	Blood	Cell Line		Uni-ZAP XR
H0261	H. cerebellum, Enzyme subtracted	Human Cerebellum	Brain			Uni-ZAP XR
H0263	human colon cancer	Human Colon Cancer	Colon		disease	Lambda ZAP II
H0264	human tonsils	Human Tonsil	Tonsil			Uni-ZAP XR
H0265	Activated T-Cell (12hs)/Thiouridine labelledEco	T-Cells	Blood	Cell Line		Uni-ZAP XR
H0266	Human Microvascular Endothelial Cells, fract. A	HMEC	Vein	Cell Line		Lambda ZAP II
H0267	Human Microvascular Endothelial Cells, fract. B	HMEC	Vein	Cell Line		Lambda ZAP II
H0268	Human Umbilical Vein Endothelial Cells, fract. A	HUVE Cells	Umbilical vein	Cell Line		Lambda ZAP II
H0269	Human Umbilical Vein Endothelial Cells, fract. B	HUVE Cells	Umbilical vein	Cell Line		Lambda ZAP II
H0270	HPAS (human pancreas, subtracted)	Human Pancreas	Pancreas			Uni-ZAP XR
H0271	Human Neutrophil, Activated	Human Neutrophil - Activated	Blood	Cell Line		Uni-ZAP XR
H0272	HUMAN TONSILS, FRACTION 2	Human Tonsil	Tonsil			Uni-ZAP XR
H0274	Human Adult Spleen, fractionII	Human Adult Spleen	Spleen			Uni-ZAP XR
H0275	Human Infant Adrenal Gland, Subtracted	Human Infant Adrenal Gland	Adrenal gland			pBluescript
H0280	K562 + PMA (36 hrs)	K562 Cell line	cell line	Cell Line		ZAP Express
H0282	HBGB's differential consolidation	Human Primary Breast Cancer	Breast			Uni-ZAP XR
H0284	Human OB MG63 control fraction I	Human Osteoblastoma MG63 cell line	Bone	Cell Line		Uni-ZAP XR
H0286	Human OB MG63 treated (10 nM E2) fraction I	Human Osteoblastoma MG63 cell line	Bone	Cell Line		Uni-ZAP XR
H0288	Human OB HOS control fraction I	Human Osteoblastoma HOS cell line	Bone	Cell Line		Uni-ZAP XR
H0290	Human OB HOS treated (1 nM E2) fraction I	Human Osteoblastoma HOS cell line	Bone	Cell Line		Uni-ZAP XR
H0292	Human OB HOS treated (10 nM E2) fraction I	Human Osteoblastoma HOS cell line	Bone	Cell Line		Uni-ZAP XR
H0293	WI 38 cells					Uni-ZAP XR
H0294	Amniotic Cells - TNF induced	Amniotic Cells - TNF induced	Placenta	Cell Line		Uni-ZAP XR
H0295	Amniotic Cells - Primary Culture	Amniotic Cells - Primary Culture	Placenta	Cell Line		Uni-ZAP XR
H0298	HCBB's differential consolidation	CAMA1Ee Cell Line	Breast	Cell Line		Uni-ZAP XR
H0299	HCBA's differential consolidation	CAMA1Ee Cell Line	Breast	Cell Line		Uni-ZAP XR

H0300	CD34 positive cells (Cord Blood)	CD34 Positive Cells	Cord Blood			ZAP Express
H0305	CD34 positive cells (Cord Blood)	CD34 Positive Cells	Cord Blood			ZAP Express
H0306	CD34 depleted Buffy Coat (Cord Blood)	CD34 Depleted Buffy Coat (Cord Blood)	Cord Blood			ZAP Express
H0309	Human Chronic Synovitis	Synovium, Chronic Synovitis/ Osteoarthritis	Synovium		disease	Uni-ZAP XR
H0310	human caudate nucleus	Brain	Brain			Uni-ZAP XR
H0313	human pleural cancer	pleural cancer			disease	pBluescript
H0316	HUMAN STOMACH	Human Stomach	Stomach			Uni-ZAP XR
H0318	HUMAN B CELL LYMPHOMA	Human B Cell Lymphoma	Lymph Node		disease	Uni-ZAP XR
H0320	Human frontal cortex	Human Frontal Cortex	Brain			Uni-ZAP XR
H0321	HUMAN SCHWANOMA	Schwannoma	Nerve		disease	Uni-ZAP XR
H0327	human corpus colosum	Human Corpus Callosum	Brain			Uni-ZAP XR
H0328	human ovarian cancer	Ovarian Cancer	Ovary		disease	Uni-ZAP XR
H0329	Dermatofibrosarcoma Protuberance	Dermatofibrosarcoma Protuberans	Skin		disease	Uni-ZAP XR
H0330	HCBB's Subtractive (- mito genes)	CAMA1Ee Cell Line	Breast	Cell Line		Uni-ZAP XR
H0331	Hepatocellular Tumor	Hepatocellular Tumor	Liver		disease	Lambda ZAP II
H0333	Hemangiopericytoma	Hemangiopericytoma	Blood vessel		disease	Lambda ZAP II
H0334	Kidney cancer	Kidney Cancer	Kidney		disease	Uni-ZAP XR
H0339	Duodenum	Duodenum				Uni-ZAP XR
H0340	Corpus Callosum	Corpus Collosum-93052				Uni-ZAP XR
H0341	Bone Marrow Cell Line (RS4;11)	Bone Marrow Cell Line RS4;11	Bone Marrow	Cell Line		Uni-ZAP XR
H0343	stomach cancer (human)	Stomach Cancer - 5383A (human)			disease	Uni-ZAP XR
H0345	SKIN	Skin - 4000868H	Skin			Uni-ZAP XR
H0346	Brain-medulloblastoma	Brain (Medulloblastoma)-9405C006R	Brain		disease	Uni-ZAP XR
H0349	human adult liver cDNA library	Human Adult Liver	Liver			pCMVSPORT 1
H0350	Human Fetal Liver, mixed 10 & 14 week	Human Fetal Liver, mixed 10&14 Week	Liver			Uni-ZAP XR
H0351	Glioblastoma	Glioblastoma	Brain		disease	Uni-ZAP XR
H0352	wilm's tumor	Wilm's Tumor			disease	Uni-ZAP XR
H0354	Human Leukocytes	Human Leukocytes	Blood	Cell Line		pCMVSPORT 1
H0355	Human Liver	Human Liver, normal Adult				pCMVSPORT 1
H0356	Human Kidney	Human Kidney	Kidney			pCMVSPORT 1
H0357	H. Normalized Fetal Liver, II	Human Fetal Liver	Liver			Uni-ZAP XR
H0359	KMH2 cell line	KMH2				ZAP Express
H0361	Human rejected kidney	Human Rejected Kidney			disease	pBluescript
H0362	HeLa cell line	HELA CELL LINE				pSport1
H0364	Human Osteoclastoma, excised	Human Osteoclastoma			disease	pBluescript
H0365	Osteoclastoma-normalized B	Human Osteoclastoma			disease	Uni-ZAP XR

H0366	L428 cell line	L428				ZAP Express
H0369	H. Atrophic Endometrium	Atrophic Endometrium and myometrium				Uni-ZAP XR
H0370	H. Lymph node breast Cancer	Lymph node with Met. Breast Cancer			disease	Uni-ZAP XR
H0372	Human Testes	Human Testes	Testis			pCMVSPORT 1
H0373	Human Heart	Human Adult Heart	Heart			pCMVSPORT 1
H0374	Human Brain	Human Brain				pCMVSPORT 1
H0375	Human Lung	Human Lung				pCMVSPORT 1
H0376	Human Spleen	Human Adult Spleen	Spleen			pCMVSPORT 1
H0379	Human Tongue, frac 1	Human Tongue				pSPORT1
H0380	Human Tongue, frac 2	Human Tongue				pSPORT1
H0381	Bone Cancer	Bone Cancer			disease	Uni-ZAP XR
H0383	Human Prostate BPH, re-excision	Human Prostate BPH				Uni-ZAP XR
H0384	Brain, Kozak	Human Brain				pCMVSPORT 1
H0386	Leukocyte and Lung; 4 screens	Human Leukocytes	Blood	Cell Line		pCMVSPORT 1
H0388	Human Rejected Kidney, 704 re-excision	Human Rejected Kidney			disease	pBluescript
H0389	H. Brain, X-Chromosome hybridization	Human Brain				pCMVSPORT 1
H0390	Human Amygdala Depression, re-excision	Human Amygdala Depression			disease	pBluescript
H0391	H. Meningioma, M6	Human Meningioma	brain			pSPORT1
H0392	H. Meningioma, M1	Human Meningioma	brain			pSPORT1
H0393	Fetal Liver, subtraction II	Human Fetal Liver	Liver			pBluescript
H0394	A-14 cell line	Redd-Sternberg cell				ZAP Express
H0395	A1-CELL LINE	Redd-Sternberg cell				ZAP Express
H0396	L1 Cell line	Redd-Sternberg cell				ZAP Express
H0399	Human Kidney Cortex, re-rescue	Human Kidney Cortex				Lambda ZAP II
H0400	Human Striatum Depression, re-rescue	Human Brain, Striatum Depression	Brain			Lambda ZAP II
H0401	Human Pituitary, subtracted V	Human Pituitary				pBluescript
H0402	CD34 depleted Buffy Coat (Cord Blood), re-excision	CD34 Depleted Buffy Coat (Cord Blood)	Cord Blood			ZAP Express
H0403	H. Umbilical Vein Endothelial Cells, IL4 induced	HUVE Cells	Umbilical vein	Cell Line		Uni-ZAP XR
H0404	H. Umbilical Vein endothelial cells, uninduced	HUVE Cells	Umbilical vein	Cell Line		Uni-ZAP XR
H0405	Human Pituitary, subtracted VI	Human Pituitary				pBluescript
H0406	H Amygdala Depression, subtracted	Human Amygdala Depression				Uni-ZAP XR
H0408	Human kidney Cortex, subtracted	Human Kidney Cortex				pBluescript
H0409	H. Striatum Depression, subtracted	Human Brain, Striatum Depression	Brain			pBluescript
H0411	H Female Bladder, Adult	Human Female Adult Bladder	Bladder			pSPORT1
H0412	Human umbilical vein	HUVE Cells	Umbilical	Cell Line		pSPORT1

	endothelial cells, IL-4 induced		vein			
H0413	Human Umbilical Vein Endothelial Cells, uninduced	HUVE Cells	Umbilical vein	Cell Line		pSport1
H0414	Ovarian Tumor I, OV5232	Ovarian Tumor, OV5232	Ovary		disease	pSport1
H0415	H. Ovarian Tumor, II, OV5232	Ovarian Tumor, OV5232	Ovary		disease	pCMVSPORT 2.0
H0416	Human Neutrophils, Activated, re-excision	Human Neutrophil - Activated	Blood	Cell Line		pBluescript
H0417	Human Pituitary, subtracted VIII	Human Pituitary				pBluescript
H0418	Human Pituitary, subtracted VII	Human Pituitary				pBluescript
H0419	Bone Cancer, re-excision	Bone Cancer				Uni-ZAP XR
H0421	Human Bone Marrow, re-excision	Bone Marrow				pBluescript
H0422	T-Cell PHA 16 hrs	T-Cells	Blood	Cell Line		pSport1
H0423	T-Cell PHA 24 hrs	T-Cells	Blood	Cell Line		pSport1
H0424	Human Pituitary, subt IX	Human Pituitary				pBluescript
H0427	Human Adipose	Human Adipose, left hiplipoma				pSport1
H0428	Human Ovary	Human Ovary Tumor	Ovary			pSport1
H0429	K562 + PMA (36 hrs), re-excision	K562 Cell line	cell line	Cell Line		ZAP Express
H0431	H. Kidney Medulla, re-excision	Kidney medulla	Kidney			pBluescript
H0432	H. Kidney Pyramid	Kidney pyramids	Kidney			pBluescript
H0433	Human Umbilical Vein Endothelial cells, frac B, re-excision	HUVE Cells	Umbilical vein	Cell Line		pBluescript
H0434	Human Brain, striatum, re-excision	Human Brain, Striatum				pBluescript
H0435	Ovarian Tumor 10-3-95	Ovarian Tumor, OV350721	Ovary			pCMVSPORT 2.0
H0436	Resting T-Cell Library, II	T-Cells	Blood	Cell Line		pSport1
H0437	H Umbilical Vein Endothelial Cells, frac A, re-excision	HUVE Cells	Umbilical vein	Cell Line		Lambda ZAP II
H0438	H. Whole Brain #2, re-excision	Human Whole Brain #2				ZAP Express
H0439	Human Eosinophils	Eosinophils				pBluescript
H0441	H. Kidney Cortex, subtracted	Kidney cortex	Kidney			pBluescript
H0442	H. Striatum Depression, subt II	Human Brain, Striatum Depression	Brain			pBluescript
H0443	H. Adipose, subtracted	Human Adipose, left hiplipoma				pSport1
H0444	Spleen metastatic melanoma	Spleen, Metastatic malignant melanoma	Spleen		disease	pSport1
H0445	Spleen, Chronic lymphocytic leukemia	Human Spleen, CLL	Spleen		disease	pSport1
H0449	CD34+ cell, I	CD34 positive cells				pSport1
H0450	CD34+cells, II	CD34 positive cells				pCMVSPORT 2.0
H0453	H. Kidney Pyramid, subtracted	Kidney pyramids	Kidney			pBluescript
H0455	H. Striatum Depression, subt	Human Brain, Striatum Depression	Brain			pBluescript
H0456	H Kidney Cortex,	Human Kidney				pBluescript

	subtracted III	Cortex				
H0457	Human Eosinophils	Human Eosinophils				pSport1
H0458	CD34+ cell, I, frac II	CD34 positive cells				pSport1
H0459	CD34+cells, II, FRACTION 2	CD34 positive cells				pCMVSPORT 2.0
H0461	H. Kidney Medulla, subtracted	Kidney medulla	Kidney			pBluescript
H0462	H. Amygdala Depression, subtracted		Brain			pBluescript
H0477	Human Tonsil, Lib 3	Human Tonsil	Tonsil			pSport1
H0478	Salivary Gland, Lib 2	Human Salivary Gland	Salivary gland			pSport1
H0479	Salivary Gland, Lib 3	Human Salivary Gland	Salivary gland			pSport1
H0483	Breast Cancer cell line, MDA 36	Breast Cancer Cell line, MDA 36				pSport1
H0484	Breast Cancer Cell line, angiogenic	Breast Cancer Cell line, Angiogenic, 36T3				pSport1
H0485	Hodgkin's Lymphoma I	Hodgkin's Lymphoma I			disease	pCMVSPORT 2.0
H0486	Hodgkin's Lymphoma II	Hodgkin's Lymphoma II			disease	pCMVSPORT 2.0
H0487	Human Tonsils, lib I	Human Tonsils				pCMVSPORT 2.0
H0488	Human Tonsils, Lib 2	Human Tonsils				pCMVSPORT 2.0
H0489	Crohn's Disease	Ileum	Intestine		disease	pSport1
H0490	HL-60, untreated, subtracted	Human HL-60 Cells, unstimulated	Blood	Cell Line		Uni-ZAP XR
H0491	HL-60, PMA 4H, subtracted	HL-60 Cells, PMA stimulated 4H	Blood	Cell Line		Uni-ZAP XR
H0492	HL-60, RA 4h, Subtracted	HL-60 Cells, RA stimulated for 4H	Blood	Cell Line		Uni-ZAP XR
H0493	HL-60, PMA 1d, subtracted	HL-60 Cells, PMA stimulated for 1 day	Blood	Cell Line		Uni-ZAP XR
H0494	Keratinocyte	Keratinocyte				pCMVSPORT 2.0
H0497	HEL cell line	HEL cell line		HEL 92.1.7		pSport1
H0505	Human Astrocyte	Human Astrocyte				pSport1
H0506	Ulcerative Colitis	Colon	Colon			pSport1
H0509	Liver, Hepatoma	Human Liver, Hepatoma, patient 8	Liver		disease	pCMVSPORT 3.0
H0510	Human Liver, normal	Human Liver, normal, Patient # 8	Liver			pCMVSPORT 3.0
H0512	Keratinocyte, lib 3	Keratinocyte				pCMVSPORT 2.0
H0517	Nasal polyps	Nasal polyps				pCMVSPORT 2.0
H0518	pBMC stimulated w/ poly I/C	pBMC stimulated with poly I/C				pCMVSPORT 3.0
H0519	NTERA2, control	NTERA2, Teratocarcinoma cell line				pCMVSPORT 3.0
H0520	NTERA2 + retinoic acid, 14 days	NTERA2, Teratocarcinoma cell line				pSport1
H0521	Primary Dendritic Cells, lib 1	Primary Dendritic cells				pCMVSPORT 3.0
H0522	Primary Dendritic cells, frac 2	Primary Dendritic cells				pCMVSPORT 3.0
H0523	Primary Dendritic	Primary Dendritic				pSport1

	cells,CapFinder2, frac 1	cells				
H0525	PCR, pBMC I/C treated	pBMC stimulated with poly I/C				PCRII
H0528	Poly[I]/Poly[C] Normal Lung Fibroblasts	Poly[I]/Poly[C] Normal Lung Fibroblasts				pCMVSPORT 3.0
H0529	Myeloid Progenitor Cell Line	TF-1 Cell Line; Myeloid progenitor cell line				pCMVSPORT 3.0
H0530	Human Dermal Endothelial Cells,untreated	Human Dermal Endothelial Cells; untreated				pSport1
H0535	Human ovary tumor cell OV350721	Ovarian Tumor, OV350721	Ovary		disease	pSport1
H0537	H. Primary Dendritic Cells,lib 3	Primary Dendritic cells				pCMVSPORT 2.0
H0538	Merkel Cells	Merkel cells	Lymph node			pSport1
H0539	Pancreas Islet Cell Tumor	Pancreas Islet Cell Tumour	Pancreas		disease	pSport1
H0540	Skin, burned	Skin, leg burned	Skin			pSport1
H0542	T Cell helper I	Helper T cell				pCMVSPORT 3.0
H0543	T cell helper II	Helper T cell				pCMVSPORT 3.0
H0544	Human endometrial stromal cells	Human endometrial stromal cells				pCMVSPORT 3.0
H0545	Human endometrial stromal cells-treated with progesterone	Human endometrial stromal cells-treated with proge				pCMVSPORT 3.0
H0546	Human endometrial stromal cells-treated with estradiol	Human endometrial stromal cells-treated with estra				pCMVSPORT 3.0
H0547	NTERA2 teratocarcinoma cell line+retinoic acid (14 days)	NTERA2, Teratocarcinoma cell line				pSport1
H0548	Human Skin Fibroblasts, normal	Human Skin Fibroblasts				pBluescript
H0549	H. Epididymus, caput & corpus	Human Epididymus, caput and corpus				Uni-ZAP XR
H0550	H. Epididymus, cauda	Human Epididymus, cauda				Uni-ZAP XR
H0551	Human Thymus Stromal Cells	Human Thymus Stromal Cells				pCMVSPORT 3.0
H0552	Signal trap,Femur Bone Marrow,pooled	Femur Bone marrow, pooled from 8 male/female				Other
H0553	Human Placenta	Human Placenta				pCMVSPORT 3.0
H0555	Rejected Kidney, lib 4	Human Rejected Kidney	Kidney		disease	pCMVSPORT 3.0
H0556	Activated T-cell(12h)/Thiouridine-re-excision	T-Cells	Blood	Cell Line		Uni-ZAP XR
H0559	HL-60, PMA 4H, re-excision	HL-60 Cells, PMA stimulated 4H	Blood	Cell Line		Uni-ZAP XR
H0560	KMH2	KMH2				pCMVSPORT 3.0
H0561	L428	L428				pCMVSPORT 3.0
H0562	Human Fetal Brain, normalized c5-11-26	Human Fetal Brain				pCMVSPORT 2.0
H0563	Human Fetal Brain,	Human Fetal Brain				pCMVSPORT

	normalized 50021F					2.0
H0564	Human Fetal Brain, normalized C5001F	Human Fetal Brain				pCMVSPORT 2.0
H0565	Human Fetal Brain, normalized 100024F	Human Fetal Brain				pCMVSPORT 2.0
H0566	Human Fetal Brain, normalized c50F	Human Fetal Brain				pCMVSPORT 2.0
H0567	Human Fetal Brain, normalized A5002F	Human Fetal Brain				pCMVSPORT 2.0
H0569	Human Fetal Brain, normalized CO	Human Fetal Brain				pCMVSPORT 2.0
H0570	Human Fetal Brain, normalized C500H	Human Fetal Brain				pCMVSPORT 2.0
H0571	Human Fetal Brain, normalized C500HE	Human Fetal Brain				pCMVSPORT 2.0
H0572	Human Fetal Brain, normalized AC5002	Human Fetal Brain				pCMVSPORT 2.0
H0574	Hepatocellular Tumor; re-excision	Hepatocellular Tumor	Liver		disease	Lambda ZAP II
H0575	Human Adult Pulmonary; re-excision	Human Adult Pulmonary	Lung			Uni-ZAP XR
H0576	Resting T-Cell; re-excision	T-Cells	Blood	Cell Line		Lambda ZAP II
H0578	Human Fetal Thymus	Fetal Thymus	Thymus			pSPORT1
H0579	Pericardium	Pericardium	Heart			pSPORT1
H0580	Dendritic cells, pooled	Pooled dendritic cells				pCMVSPORT 3.0
H0581	Human Bone Marrow, treated	Human Bone Marrow	Bone Marrow			pCMVSPORT 3.0
H0583	B Cell lymphoma	B Cell Lymphoma	B Cell		disease	pCMVSPORT 3.0
H0584	Activated T-cells, 24 hrs, re-excision	Activated T-Cells	Blood	Cell Line		Uni-ZAP XR
H0585	Activated T-Cells, 12 hrs, re-excision	Activated T-Cells	Blood	Cell Line		Uni-ZAP XR
H0586	Healing groin wound, 6.5 hours post incision	healing groin wound, 6.5 hours post incision - 2/	groin		disease	pCMVSPORT 3.0
H0587	Healing groin wound; 7.5 hours post incision	Groin-2/19/97	groin		disease	pCMVSPORT 3.0
H0589	CD34 positive cells (cord blood), re-ex	CD34 Positive Cells	Cord Blood			ZAP Express
H0590	Human adult small intestine, re-excision	Human Adult Small Intestine	Small Int.			Uni-ZAP XR
H0591	Human T-cell lymphoma; re-excision	T-Cell Lymphoma	T-Cell		disease	Uni-ZAP XR
H0592	Healing groin wound - zero hr post-incision (control)	HGS wound healing project; abdomen			disease	pCMVSPORT 3.0
H0593	Olfactory epithelium; nasal cavity	Olfactory epithelium from roof of left nasal cavity				pCMVSPORT 3.0
H0594	Human Lung Cancer; re-excision	Human Lung Cancer	Lung		disease	Lambda ZAP II
H0595	Stomach cancer (human); re-excision	Stomach Cancer - 5383A (human)			disease	Uni-ZAP XR
H0596	Human Colon Cancer; re-excision	Human Colon Cancer	Colon			Lambda ZAP II
H0597	Human Colon; re-excision	Human Colon				Lambda ZAP II
H0598	Human Stomach; re-excision	Human Stomach	Stomach			Uni-ZAP XR
H0599	Human Adult Heart; re-	Human Adult Heart	Heart			Uni-ZAP XR

	excision					
H0600	Healing Abdomen wound;70&90 min post incision	Abdomen			disease	pCMVSPORT 3.0
H0601	Healing Abdomen Wound;15 days post incision	Abdomen			disease	pCMVSPORT 3.0
H0602	Healing Abdomen Wound;21&29 days post incision	Abdomen			disease	pCMVSPORT 3.0
H0604	Human Pituitary, re-excision	Human Pituitary				pBluescript
H0606	Human Primary Breast Cancer;re-excision	Human Primary Breast Cancer	Breast		disease	Uni-ZAP XR
H0607	H.Leukocytes, normalized cot 50A3	H.Leukocytes				pCMVSPORT 1
H0608	H. Leukocytes, control	H.Leukocytes				pCMVSPORT 1
H0609	H. Leukocytes, normalized cot > 500A	H.Leukocytes				pCMVSPORT 1
H0610	H. Leukocytes, normalized cot 5A	H.Leukocytes				pCMVSPORT 1
H0611	H. Leukocytes, normalized cot 500 B	H.Leukocytes				pCMVSPORT 1
H0612	H.Leukocytes, normalized cot 50 B	H.Leukocytes				pCMVSPORT 1
H0613	H.Leukocytes, normalized cot 5B	H.Leukocytes				pCMVSPORT 1
H0614	H. Leukocytes, normalized cot 500 A	H.Leukocytes				pCMVSPORT 1
H0615	Human Ovarian Cancer Reexcision	Ovarian Cancer	Ovary		disease	Uni-ZAP XR
H0616	Human Testes, Reexcision	Human Testes	Testis			Uni-ZAP XR
H0617	Human Primary Breast Cancer Reexcision	Human Primary Breast Cancer	Breast		disease	Uni-ZAP XR
H0618	Human Adult Testes, Large Inserts, Reexcision	Human Adult Testis	Testis			Uni-ZAP XR
H0619	Fetal Heart	Human Fetal Heart	Heart			Uni-ZAP XR
H0620	Human Fetal Kidney; Reexcision	Human Fetal Kidney	Kidney			Uni-ZAP XR
H0622	Human Pancreas Tumor; Reexcision	Human Pancreas Tumor	Pancreas		disease	Uni-ZAP XR
H0623	Human Umbilical Vein; Reexcision	Human Umbilical Vein Endothelial Cells	Umbilical vein			Uni-ZAP XR
H0624	12 Week Early Stage Human II; Reexcision	Twelve Week Old Early Stage Human	Embryo			Uni-ZAP XR
H0625	Ku 812F Basophils Line	Ku 812F Basophils				pSport1
H0626	Saas2 Cells; Untreated	Saas2 Cell Line; Untreated				pSport1
H0627	Saas2 Cells; Vitamin D3 Treated	Saas2 Cell Line; Vitamin D3 Treated				pSport1
H0628	Human Pre-Differentiated Adipocytes	Human Pre-Differentiated Adipocytes				Uni-ZAP XR
H0630	Human Leukocytes,normalized control #4	Human Normalized leukocyte				pCMVSPORT 1
H0631	Saas2, Dexamethosone Treated	Saas2 Cell Line; Dexamethosone Treated				pSport1
H0632	Hepatocellular Tumor;re-excision	Hepatocellular Tumor	Liver			Lambda ZAP II

H0633	Lung Carcinoma A549 TNFalpha activated	TNFalpha activated A549--Lung Carcinoma			disease	pSport1
H0634	Human Testes Tumor, re- excision	Human Testes Tumor	Testis		disease	Uni-ZAP XR
H0635	Human Activated T-Cells, re-excision	Activated T-Cells	Blood	Cell Line		Uni-ZAP XR
H0636	Chondrocytes	Chondrocytes				pSport1
H0637	Dendritic Cells From CD34 Cells	Dendritic cells from CD34 cells				pSport1
H0638	CD40 activated monocyte dendritic cells	CD40 activated monocyte dendritic cells				pSport1
H0639	Ficoll Human Stromal Cells, 5Fu treated	Ficoll Human Stromal Cells, 5Fu treated				Other
H0640	Ficoll Human Stromal Cells, Untreated	Ficoll Human Stromal Cells, Untreated				Other
H0641	LPS activated derived dendritic cells	LPS activated monocyte derived dendritic cells				pSport1
H0642	Hep G2 Cells, lambda library	Hep G2 Cells				Other
H0643	Hep G2 Cells, PCR library	Hep G2 Cells				Other
H0644	Human Placenta (re- excision)	Human Placenta	Placenta			Uni-ZAP XR
H0645	Fetal Heart, re-excision	Human Fetal Heart	Heart			Uni-ZAP XR
H0646	Lung, Cancer (4005313 A3): Invasive Poorly Differentiated Lung Adenocarcinoma,	Metastatic squamous cell lung carcinoma, poorly di				pSport1
H0647	Lung, Cancer (4005163 B7): Invasive, Poorly Diff. Adenocarcinoma, Metastatic	Invasive poorly differentiated lung adenocarcinoma			disease	pSport1
H0648	Ovary, Cancer: (4004562 B6) Papillary Serous Cystic Neoplasm, Low Malignant Pot	Papillary Cstic neoplasm of low malignant potentia			disease	pSport1
H0649	Lung, Normal: (4005313 B1)	Normal Lung				pSport1
H0650	B-Cells	B-Cells				pCMV Sport 3.0
H0651	Ovary, Normal: (9805C040R)	Normal Ovary				pSport1
H0652	Lung, Normal: (4005313 B1)	Normal Lung				pSport1
H0653	Stromal Cells	Stromal Cells				pSport1
H0654	Lung, Cancer: (4005313 A3) Invasive Poorly- differentiated Metastatic lung adenoc	Metastatic Squamous cell lung Carcinoma poorly dif				Other
H0656	B-cells (unstimulated)	B-cells (unstimulated)				pSport1
H0657	B-cells (stimulated)	B-cells (stimulated)				pSport1
H0658	Ovary, Cancer (9809C332): Poorly differentiated adenocarcinoma	9809C332- Poorly differentiate	Ovary & Fallopian Tubes		disease	pSport1
H0659	Ovary, Cancer (15395A1F): Grade II Papillary Carcinoma	Grade II Papillary Carcinoma, Ovary	Ovary		disease	pSport1

H0660	Ovary, Cancer: (15799A1F) Poorly differentiated carcinoma	Poorly differentiated carcinoma, ovary			disease	pSport1
H0661	Breast, Cancer: (4004943 A5)	Breast cancer			disease	pSport1
H0662	Breast, Normal: (4005522B2)	Normal Breast - #4005522(B2)	Breast			pSport1
H0663	Breast, Cancer: (4005522 A2)	Breast Cancer - #4005522(A2)	Breast		disease	pSport1
H0664	Breast, Cancer: (9806C012R)	Breast Cancer	Breast		disease	pSport1
H0665	Stromal cells 3.88	Stromal cells 3.88				pSport1
H0666	Ovary, Cancer: (4004332 A2)	Ovarian Cancer, Sample #4004332A2			disease	pSport1
H0667	Stromal cells(HBM3.18)	Stromal cell(HBM 3.18)				pSport1
H0668	stromal cell clone 2.5	stromal cell clone 2.5				pSport1
H0669	Breast, Cancer: (4005385 A2)	Breast Cancer (4005385A2)	Breast			pSport1
H0670	Ovary, Cancer(4004650 A3): Well-Differentiated Micropapillary Serous Carcinoma	Ovarian Cancer - 4004650A3				pSport1
H0671	Breast, Cancer: (9802C02OE)	Breast Cancer-Sample # 9802C02OE				pSport1
H0672	Ovary, Cancer: (4004576 A8)	Ovarian Cancer(4004576A8)	Ovary			pSport1
H0673	Human Prostate Cancer, Stage B2; re-excision	Human Prostate Cancer, stage B2	Prostate			Uni-ZAP XR
H0674	Human Prostate Cancer, Stage C; re-excision	Human Prostate Cancer, stage C	Prostate			Uni-ZAP XR
H0675	Colon, Cancer: (9808C064R)	Colon Cancer 9808C064R				pCMVSPORT 3.0
H0676	Colon, Cancer: (9808C064R)-total RNA	Colon Cancer 9808C064R				pCMVSPORT 3.0
H0677	TNFR degenerate oligo	B-Cells				PCRII
H0682	Serous Papillary Adenocarcinoma	serous papillary adenocarcinoma (9606G304SPA3B)				pCMVSPORT 3.0
H0683	Ovarian Serous Papillary Adenocarcinoma	Serous papillary adenocarcinoma, stage 3C (9804G01				pCMVSPORT 3.0
H0684	Serous Papillary Adenocarcinoma	Ovarian Cancer- 9810G606	Ovaries			pCMVSPORT 3.0
H0685	Adenocarcinoma of Ovary, Human Cell Line, # OVCAR-3	Adenocarcinoma of Ovary, Human Cell Line, # OVCAR-				pCMVSPORT 3.0
H0686	Adenocarcinoma of Ovary, Human Cell Line	Adenocarcinoma of Ovary, Human Cell Line, # SW-626				pCMVSPORT 3.0
H0687	Human normal ovary(#9610G215)	Human normal ovary(#9610G215)	Ovary			pCMVSPORT 3.0
H0688	Human Ovarian Cancer(#9807G017)	Human Ovarian cancer(#9807G017), mRNA from Maura Ru				pCMVSPORT 3.0
H0689	Ovarian Cancer	Ovarian Cancer, #9806G019				pCMVSPORT 3.0
H0690	Ovarian Cancer, # 9702G001	Ovarian Cancer, #9702G001				pCMVSPORT 3.0

H0691	Normal Ovary, #9710G208	normal ovary, #9710G208				pCMVSPORT 3.0
H0692	BLyS Receptor from Expression Cloning	B Cell Lymphoma	B Cell			pCMVSPORT 3.0
H0693	Normal Prostate #ODQ3958EN	Normal Prostate Tissue # ODQ3958EN				pCMVSPORT 3.0
H0694	Prostate gland adenocarcinoma	Prostate gland, adenocarcinoma, mod/diff, gleason	prostate gland			pCMVSPORT 3.0
H0695	mononucleocytes from patient	mononucleocytes from patient at Shady Grove Hospit				pCMVSPORT 3.0
N0003	Human Fetal Brain	Human Fetal Brain				
N0006	Human Fetal Brain	Human Fetal Brain				
N0007	Human Hippocampus	Human Hippocampus				
N0009	Human Hippocampus, prescreened	Human Hippocampus				
S0001	Brain frontal cortex	Brain frontal cortex	Brain			Lambda ZAP II
S0002	Monocyte activated	Monocyte-activated	blood	Cell Line		Uni-ZAP XR
S0003	Human Osteoclastoma	Osteoclastoma	bone		disease	Uni-ZAP XR
S0004	Prostate	Prostate BPH	Prostate			Lambda ZAP II
S0005	Heart	Heart-left ventricle	Heart			pCDNA
S0006	Neuroblastoma	Human Neural Blastoma			disease	pCDNA
S0007	Early Stage Human Brain	Human Fetal Brain				Uni-ZAP XR
S0010	Human Amygdala	Amygdala				Uni-ZAP XR
S0011	STROMAL - OSTEOCLASTOMA	Osteoclastoma	bone		disease	Uni-ZAP XR
S0013	Prostate	Prostate	prostate			Uni-ZAP XR
S0014	Kidney Cortex	Kidney cortex	Kidney			Uni-ZAP XR
S0015	Kidney medulla	Kidney medulla	Kidney			Uni-ZAP XR
S0016	Kidney Pyramids	Kidney pyramids	Kidney			Uni-ZAP XR
S0020	Seven Trans Membrane Receptor Family	7TMD1				
S0021	Whole brain	Whole brain	Brain			ZAP Express
S0022	Human Osteoclastoma Stromal Cells - unamplified	Osteoclastoma Stromal Cells				Uni-ZAP XR
S0023	Human Kidney Cortex - unamplified	Human Kidney Cortex				
S0024	Human Kidney Medulla - unamplified	Human Kidney Medulla				
S0025	Human Kidney Pyramids - unamplified	Human Kidney Pyramids				
S0026	Stromal cell TF274	stromal cell	Bone marrow	Cell Line		Uni-ZAP XR
S0027	Smooth muscle, serum treated	Smooth muscle	Pulmonary artery	Cell Line		Uni-ZAP XR
S0028	Smooth muscle, control	Smooth muscle	Pulmonary artery	Cell Line		Uni-ZAP XR
S0029	brain stem	Brain stem	brain			Uni-ZAP XR
S0030	Brain pons	Brain Pons	Brain			Uni-ZAP XR
S0031	Spinal cord	Spinal cord	spinal cord			Uni-ZAP XR
S0032	Smooth muscle-ILb induced	Smooth muscle	Pulmonary artery	Cell Line		Uni-ZAP XR
S0035	Brain medulla oblongata	Brain medulla oblongata	Brain			Uni-ZAP XR
S0036	Human Substantia Nigra	Human Substantia Nigra				Uni-ZAP XR

S0037	Smooth muscle, IL1b induced	Smooth muscle	Pulmonary artery	Cell Line		Uni-ZAP XR
S0038	Human Whole Brain #2 - Oligo dT > 1.5Kb	Human Whole Brain #2				ZAP Express
S0039	Hypothalamus	Hypothalamus	Brain			Uni-ZAP XR
S0040	Adipocytes	Human Adipocytes from Osteoclastoma				Uni-ZAP XR
S0042	Testes	Human Testes				ZAP Express
S0044	Prostate BPH	prostate BPH	Prostate		disease	Uni-ZAP XR
S0045	Endothelial cells-control	Endothelial cell	endothelial cell-lung	Cell Line		Uni-ZAP XR
S0046	Endothelial-induced	Endothelial cell	endothelial cell-lung	Cell Line		Uni-ZAP XR
S0048	Human Hypothalamus, Alzheimer's	Human Hypothalamus, Alzheimer's			disease	Uni-ZAP XR
S0049	Human Brain, Striatum	Human Brain, Striatum				Uni-ZAP XR
S0050	Human Frontal Cortex, Schizophrenia	Human Frontal Cortex, Schizophrenia			disease	Uni-ZAP XR
S0051	Human Hypothalamus, Schizophrenia	Human Hypothalamus, Schizophrenia			disease	Uni-ZAP XR
S0052	neutrophils control	human neutrophils	blood	Cell Line		Uni-ZAP XR
S0053	Neutrophils IL-1 and LPS induced	human neutrophil induced	blood	Cell Line		Uni-ZAP XR
S0106	STRIATUM DEPRESSION		BRAIN		disease	Uni-ZAP XR
S0110	Brain Amygdala Depression		Brain		disease	Uni-ZAP XR
S0112	Hypothalamus		Brain			Uni-ZAP XR
S0114	Anergic T-cell	Anergic T-cell		Cell Line		Uni-ZAP XR
S0116	Bone marrow	Bone marrow	Bone marrow			Uni-ZAP XR
S0118	Smooth muscle control 2	Smooth muscle	Pulmonary artery	Cell Line		Uni-ZAP XR
S0122	Osteoclastoma-normalized A	Osteoclastoma	bone		disease	pBluescript
S0124	Smooth muscle-edited A	Smooth muscle	Pulmonary artery	Cell Line		Uni-ZAP XR
S0126	Osteoblasts	Osteoblasts	Knee	Cell Line		Uni-ZAP XR
S0132	Epithelial-TNF α and INF induced	Airway Epithelial				Uni-ZAP XR
S0134	Apoptotic T-cell	apoptotic cells		Cell Line		Uni-ZAP XR
S0136	PERM TF274	stromal cell	Bone marrow	Cell Line		Lambda ZAP II
S0140	eosinophil-IL5 induced	eosinophil	lung	Cell Line		Uni-ZAP XR
S0142	Macrophage-oxLDL	macrophage-oxidized LDL treated	blood	Cell Line		Uni-ZAP XR
S0144	Macrophage (GM-CSF treated)	Macrophage (GM-CSF treated)				Uni-ZAP XR
S0146	prostate-edited	prostate BPH	Prostate			Uni-ZAP XR
S0148	Normal Prostate	Prostate	prostate			Uni-ZAP XR
S0150	LNCAP prostate cell line	LNCAP Cell Line	Prostate	Cell Line		Uni-ZAP XR
S0152	PC3 Prostate cell line	PC3 prostate cell line				Uni-ZAP XR
S0168	Prostate/LNCAP, subtraction I	PC3 prostate cell line				pBluescript
S0174	Prostate-BPH subtracted II	Human Prostate BPH				pBluescript
S0176	Prostate, normal, subtraction I	Prostate	prostate			Uni-ZAP XR

S0180	Bone Marrow Stroma, TNF&LPS ind	Bone Marrow Stroma, TNF & LPS induced			disease	Uni-ZAP XR
S0182	Human B Cell 8866	Human B- Cell 8866				Uni-ZAP XR
S0184	7TM Receptor enriched, lib II	PBLS, 7TM receptor enriched				Other
S0186	PLBS 7TM receptor, Lib I	PBLS, 7TM receptor enriched				Other
S0188	Prostate,BPH, Lib 2	Human Prostate BPH			disease	pSport1
S0190	Prostate BPH,Lib 2, subtracted	Human Prostate BPH				pSport1
S0192	Synovial Fibroblasts (control)	Synovial Fibroblasts				pSport1
S0194	Synovial hypoxia	Synovial Fibroblasts				pSport1
S0196	Synovial IL-1/TNF stimulated	Synovial Fibroblasts				pSport1
S0206	Smooth Muscle- HASTE normalized	Smooth muscle	Pulmonary artery	Cell Line		pBluescript
S0208	Mesangial cell, frac 1	Mesangial cell				pSport1
S0210	Mesangial cell, frac 2	Mesangial cell				pSport1
S0212	Bone Marrow Stromal Cell, untreated	Bone Marrow Stromal Cell, untreated				pSport1
S0214	Human Osteoclastoma, re-excision	Osteoclastoma	bone		disease	Uni-ZAP XR
S0216	Neutrophils IL-1 and LPS induced	human neutrophil induced	blood	Cell Line		Uni-ZAP XR
S0218	Apoptotic T-cell, re-excision	apoptotic cells		Cell Line		Uni-ZAP XR
S0220	H. hypothalamus, frac A; re-excision	Hypothalamus	Brain			ZAP Express
S0222	H. Frontal cortex, epileptic; re-excision	H. Brain, Frontal Cortex, Epileptic	Brain		disease	Uni-ZAP XR
S0242	Synovial Fibroblasts (II/TNF), subt	Synovial Fibroblasts				pSport1
S0250	Human Osteoblasts II	Human Osteoblasts	Femur		disease	pCMVSPORT 2.0
S0254	7TM-PAMIX	PBLS, 7TM receptor enriched				PCR II
S0256	7TM-PHMIX	PBLS, 7TM receptor enriched				PCR II
S0260	Spinal Cord, re-excision	Spinal cord	spinal cord			Uni-ZAP XR
S0268	PRMIX	PRMIX (Human Prostate)	prostate			PCR II
S0270	PTMIX	PTMIX (Human Thymus)	Thymus			PCR II
S0276	Synovial hypoxia-RSF subtracted	Synovial fobroblasts (rheumatoid)	Synovial tissue			pSport1
S0278	H Macrophage (GM-CSF treated), re-excision	Macrophage (GM-CSF treated)				Uni-ZAP XR
S0280	Human Adipose Tissue, re-excision	Human Adipose Tissue				Uni-ZAP XR
S0282	Brain Frontal Cortex, re-excision	Brain frontal cortex	Brain			Lambda ZAP II
S0284	7TMCTT (Testis)	7TMCTP (Placenta)	Testis			PCR II
S0294	Larynx tumor	Larynx tumor	Larynx, vocal cord		disease	pSport1
S0296	Normal lung	Normal lung	Lung			pSport1
S0298	Bone marrow stroma, treated	Bone marrow stroma, treated SB	Bone marrow			pSport1
S0300	Frontal lobe, dementia; re-	Frontal Lobe	Brain			Uni-ZAP XR

	excision	dementia/Alzheimer's				
S0306	Larynx normal #10 261-273	Larynx normal				pSport1
S0308	Spleen/normal	Spleen normal				pSport1
S0310	Normal trachea	Normal trachea				pSport1
S0312	Human osteoarthritic;fraction II	Human osteoarthritic cartilage			disease	pSport1
S0314	Human osteoarthritis;fraction I	Human osteoarthritic cartilage			disease	pSport1
S0316	Human Normal Cartilage,Fraction I	Human Normal Cartilage				pSport1
S0318	Human Normal Cartilage Fraction II	Human Normal Cartilage				pSport1
S0322	Siebben Polyposis	Siebben Polyposis				pSport1
S0328	Palate carcinoma	Palate carcinoma	Uvula		disease	pSport1
S0330	Palate normal	Palate normal	Uvula			pSport1
S0332	Pharynx carcinoma	Pharynx carcinoma	Hypopharynx			pSport1
S0334	Human Normal Cartilage Fraction III	Human Normal Cartilage				pSport1
S0336	Human Normal Cartilage Fraction IV	Human Normal Cartilage				pSport1
S0338	Human Osteoarthritic Cartilage Fraction III	Human osteoarthritic cartilage			disease	pSport1
S0340	Human Osteoarthritic Cartilage Fraction IV	Human osteoarthritic cartilage			disease	pSport1
S0342	Adipocytes;re-excision	Human Adipocytes from Osteoclastoma				Uni-ZAP XR
S0344	Macrophage-oxLDL; re-excision	macrophage-oxidized LDL treated	blood	Cell Line		Uni-ZAP XR
S0346	Human Amygdala;re-excision	Amygdala				Uni-ZAP XR
S0348	Cheek Carcinoma	Cheek Carcinoma			disease	pSport1
S0350	Pharynx Carcinoma	Pharynx carcinoma	Hypopharynx		disease	pSport1
S0352	Larynx Carcinoma	Larynx carcinoma			disease	pSport1
S0354	Colon Normal II	Colon Normal	Colon			pSport1
S0356	Colon Carcinoma	Colon Carcinoma	Colon		disease	pSport1
S0358	Colon Normal III	Colon Normal	Colon			pSport1
S0360	Colon Tumor II	Colon Tumor	Colon		disease	pSport1
S0362	Human Gastrocnemius	Gastrocnemius muscle				pSport1
S0364	Human Quadriceps	Quadriceps muscle				pSport1
S0366	Human Soleus	Soleus Muscle				pSport1
S0368	Human Pancreatic Langerhans	Islets of Langerhans				pSport1
S0370	Larynx carcinoma II	Larynx carcinoma			disease	pSport1
S0372	Larynx carcinoma III	Larynx carcinoma			disease	pSport1
S0374	Normal colon	Normal colon				pSport1
S0376	Colon Tumor	Colon Tumor			disease	pSport1
S0378	Pancreas normal PCA4 No	Pancreas Normal PCA4 No				pSport1
S0380	Pancreas Tumor PCA4 Tu	Pancreas Tumor PCA4 Tu			disease	pSport1
S0382	Larynx carcinoma IV	Larynx carcinoma			disease	pSport1
S0384	Tongue carcinoma	Tongue carcinoma			disease	pSport1
S0386	Human Whole Brain, re-excision	Whole brain	Brain			ZAP Express

S0388	Human Hypothalamus, schizophrenia, re-excision	Human Hypothalamus, Schizophrenia			disease	Uni-ZAP XR
S0390	Smooth muscle, control; re-excision	Smooth muscle	Pulmonary artery	Cell Line		Uni-ZAP XR
S0392	Salivary Gland	Salivary gland; normal				pSport1
S0394	Stomach; normal	Stomach; normal				pSport1
S0398	Testis; normal	Testis; normal				pSport1
S0400	Brain; normal	Brain; normal				pSport1
S0402	Adrenal Gland, normal	Adrenal gland; normal				pSport1
S0404	Rectum normal	Rectum, normal				pSport1
S0406	Rectum tumour	Rectum tumour				pSport1
S0408	Colon, normal	Colon, normal				pSport1
S0410	Colon, tumour	Colon, tumour				pSport1
S0412	Temporal cortex- Alzheimer; subtracted	Temporal cortex, alzheimer			disease	Other
S0414	Hippocampus, Alzheimer Subtracted	Hippocampus, Alzheimer Subtracted				Other
S0418	CHME Cell Line; treated 5 hrs	CHME Cell Line; treated				pCMVSPORT 3.0
S0420	CHME Cell Line, untreated	CHME Cell line, untreated				pSport1
S0422	Mo7e Cell Line GM-CSF treated (1ng/ml)	Mo7e Cell Line GM-CSF treated (1ng/ml)				pCMVSPORT 3.0
S0424	TF-1 Cell Line GM-CSF Treated	TF-1 Cell Line GM-CSF Treated				pSport1
S0426	Monocyte activated; re-excision	Monocyte-activated	blood	Cell Line		Uni-ZAP XR
S0428	Neutrophils control; re-excision	human neutrophils	blood	Cell Line		Uni-ZAP XR
S0430	Aryepiglottis Normal	Aryepiglottis Normal				pSport1
S0432	Sinus piniformis Tumour	Sinus piniformis Tumour				pSport1
S0434	Stomach Normal	Stomach Normal			disease	pSport1
S0436	Stomach Tumour	Stomach Tumour			disease	pSport1
S0438	Liver Normal Met5No	Liver Normal Met5No				pSport1
S0440	Liver Tumour Met 5 Tu	Liver Tumour				pSport1
S0442	Colon Normal	Colon Normal				pSport1
S0444	Colon Tumor	Colon Tumour			disease	pSport1
S0446	Tongue Tumour	Tongue Tumour				pSport1
S0448	Larynx Normal	Larynx Normal				pSport1
S0450	Larynx Tumour	Larynx Tumour				pSport1
S0452	Thymus	Thymus				pSport1
S0454	Placenta	Placenta	Placenta			pSport1
S0456	Tongue Normal	Tongue Normal				pSport1
S0458	Thyroid Normal (SDCA2 No)	Thyroid normal				pSport1
S0460	Thyroid Tumour	Thyroid Tumour				pSport1
S0462	Thyroid Thyroiditis	Thyroid Thyroiditis				pSport1
S0464	Larynx Normal	Larynx Normal				pSport1
S0466	Larynx Tumor	Larynx Tumor			disease	pSport1
S0468	Ea.hy.926 cell line	Ea.hy.926 cell line				pSport1
S0470	Adenocarcinoma	PYFD			disease	pSport1
S0472	Lung Mesothelium	PYBT				pSport1
S0474	Human blood platelets	Platelets	Blood platelets			Other

S0665	Human Amygdala; re-excision	Amygdala				Uni-ZAP XR
S3012	Smooth Muscle Serum Treated, Norm	Smooth muscle	Pulmonary artery	Cell Line		pBluescript
S3014	Smooth muscle, serum induced, re-exc	Smooth muscle	Pulmonary artery	Cell Line		pBluescript
S3020	TH2 cells	TH2 cells				Uni-ZAP XR
S6014	H. hypothalamus, frac A	Hypothalamus	Brain			ZAP Express
S6016	H. Frontal Cortex, Epileptic	H. Brain, Frontal Cortex, Epileptic	Brain		disease	Uni-ZAP XR
S6022	H. Adipose Tissue	Human Adipose Tissue				Uni-ZAP XR
S6024	Alzheimers, spongy change	Alzheimer's/Spongy change	Brain		disease	Uni-ZAP XR
S6026	Frontal Lobe, Dementia	Frontal Lobe dementia/Alzheimer's	Brain			Uni-ZAP XR
S6028	Human Manic Depression Tissue	Human Manic depression tissue	Brain		disease	Uni-ZAP XR
T0001	Human Brown Fat	Brown Fat				pBluescript SK-
T0002	Activated T-cells	Activated T-Cell, PBL fraction	Blood	Cell Line		pBluescript SK-
T0003	Human Fetal Lung	Human Fetal Lung				pBluescript SK-
T0004	Human White Fat	Human White Fat				pBluescript SK-
T0006	Human Pineal Gland	Human Pineal Gland				pBluescript SK-
T0007	Colon Epithelium	Colon Epithelium				pBluescript SK-
T0008	Colorectal Tumor	Colorectal Tumor			disease	pBluescript SK-
T0010	Human Infant Brain	Human Infant Brain				Other
T0023	Human Pancreatic Carcinoma	Human Pancreatic Carcinoma			disease	pBluescript SK-
T0039	HSA 172 Cells	Human HSA172 cell line				pBluescript SK-
T0040	HSC172 cells	SA172 Cells				pBluescript SK-
T0041	Jurkat T-cell G1 phase	Jurkat T-cell				pBluescript SK-
T0042	Jurkat T-Cell, S phase	Jurkat T-Cell Line				pBluescript SK-
T0047	T lymphocytes >70	T lymphocytes > 70				pBluescript SK-
T0048	Human Aortic Endothelium	Human Aortic Endothelium				pBluescript SK-
T0049	Aorta endothelial cells + TNF- α	Aorta endothelial cells				pBluescript SK-
T0060	Human White Adipose	Human White Fat				pBluescript SK-
T0067	Human Thyroid	Human Thyroid				pBluescript SK-
T0068	Normal Ovary, Premenopausal	Normal Ovary, Premenopausal				pBluescript SK-
T0069	Human Uterus, normal	Human Uterus, normal				pBluescript SK-
T0071	Human Bone Marrow	Human Bone Marrow				pBluescript SK-
T0074	Human Adult Retina	Human Adult Retina				pBluescript SK-
T0078	Human Liver, normal	Human Liver,				pBluescript

	adult	normal Adult				SK-
T0079	Human Kidney, normal Adult	Human Kidney, normal Adult				pBluescript SK-
T0082	Human Adult Retina	Human Adult Retina				pBluescript SK-
T0086	Human Pancreatic Carcinoma -- Screened	Human Pancreatic Carcinoma			disease	pBluescript SK-
T0090	Liver, normal					pBluescript SK-
T0103	Human colon carcinoma (HCC) cell line					pBluescript SK-
T0104	HCC cell line metastasis to liver					pBluescript SK-
T0109	Human (HCC) cell line liver (mouse) metastasis, remake					pBluescript SK-
T0110	Human colon carcinoma (HCC) cell line, remake					pBluescript SK-
T0112	Human (Caco-2) cell line, adenocarcinoma, colon					pBluescript SK-
T0114	Human (Caco-2) cell line, adenocarcinoma, colon, remake					pBluescript SK-
T0115	Human Colon Carcinoma (HCC) cell line					pBluescript SK-
L0002	Atrium cDNA library Human heart					
L0004	ClonTech HL 1065a					
L0005	Clontech human aorta polyA+ mRNA (#6572)					
L0009	EST from 8p21.3-p22					
L0011	GM10791 library (Eric D. Green)					
L0015	Human					
L0017	Human (J. Swensen)					
L0021	Human adult (K.Okubo)					
L0022	Human adult lung 3" directed Mbol cDNA					
L0024	Human brain ARSanders					
L0031	Human chromosome 11q23 mRNA (M.Katoh)					
L0032	Human chromosome 12p cDNAs					
L0033	Human chromosome 13q14 cDNA					
L0037	Human chromosome 5q31-q33 mRNA					
L0040	Human colon mucosa					
L0041	Human epidermal keratinocyte					
L0043	Human HaCaT keratinocyte cDNA					
L0045	Human keratinocyte differential display (B.Lin)					
L0052	Human normalized K562-cDNA					
L0053	Human pancreatic tumor					
L0055	Human promyelocyte					
L0060	Human thymus NSTH II					
L0065	Liver HepG2 cell line.					
L0070	Selected chromosome 21 cDNA library					

L0096	Subtracted human retina					
L0097	Subtracted human retinal pigment epithelium (RPE)					
L0103	DKFZphamy1	amygdala				
L0105	Human aorta polyA+ (TFujiwara)	aorta				
L0109	Human brain cDNA	brain				
L0116	Human fetal brain (Zakharev, V.M. and Belyavsky, A.V.)	brain				
L0118	Human fetal brain S. Meier-Ewert	brain				
L0126	Human fibroblast cDNA	fibroblast				
L0142	Human placenta cDNA (TFujiwara)	placenta				
L0143	Human placenta polyA+ (TFujiwara)	placenta				
L0145	Human retina (D.Swanson)	retina				
L0149	DKFZphsnu1	subthalamic nucleus				
L0151	Human testis (C. De Smet)	testis				
L0157	Human fetal brain (TFujiwara)		brain			
L0163	Human heart cDNA (YNakamura)		heart			
L0171	Human lung adenocarcinoma A549	lung adenocarcinoma		A549		
L0177	Human newborn melanocytes (T.Vogt)			Clonetics Corp. (San Diego, CA) strain #68 and 2486		
L0183	Human HeLa cells (M.Lovett)			HeLa		
L0194	Human pancreatic cancer cell line Patu 8988t	pancreatic cancer		Patu 8988t		
L0251	Homo sapiens laryngeal cancer	laryngeal cancer				
L0307	Human C3-A11N			C3-A11N; clonally related variant of OCI LY8-C3P		
L0351	Infant brain, Bento Soares					BA, M13-derived
L0352	Normalized infant brain, Bento Soares					BA, M13-derived
L0355	P, Human foetal Brain Whole tissue					Bluescript
L0356	S, Human foetal Adrenals tissue					Bluescript
L0361	Stratagene ovary (#937217)		ovary			Bluescript SK
L0362	Stratagene ovarian cancer (#937219)					Bluescript SK-
L0363	NCI_CGAP_GC2	germ cell tumor				Bluescript SK-
L0364	NCI_CGAP_GC5	germ cell tumor				Bluescript

						SK-
L0366	Stratagene schizo brain S11	schizophrenic brain S-11 frontal lobe				Bluescript SK-
L0367	NCI_CGAP_Sch1	Schwannoma tumor				Bluescript SK-
L0368	NCI_CGAP_SS1	synovial sarcoma				Bluescript SK-
L0369	NCI_CGAP_AA1	adrenal adenoma	adrenal gland			Bluescript SK-
L0370	Johnston frontal cortex	pooled frontal lobe	brain			Bluescript SK-
L0371	NCI_CGAP_Br3	breast tumor	breast			Bluescript SK-
L0372	NCI_CGAP_Co12	colon tumor	colon			Bluescript SK-
L0373	NCI_CGAP_Co11	tumor	colon			Bluescript SK-
L0374	NCI_CGAP_Co2	tumor	colon			Bluescript SK-
L0375	NCI_CGAP_Kid6	kidney tumor	kidney			Bluescript SK-
L0376	NCI_CGAP_Lar1	larynx	larynx			Bluescript SK-
L0378	NCI_CGAP_Lu1	lung tumor	lung			Bluescript SK-
L0379	NCI_CGAP_Lym3	lymphoma	lymph node			Bluescript SK-
L0381	NCI_CGAP_HN4	squamous cell carcinoma	pharynx			Bluescript SK-
L0382	NCI_CGAP_Pr25	epithelium (cell line)	prostate			Bluescript SK-
L0383	NCI_CGAP_Pr24	invasive tumor (cell line)	prostate			Bluescript SK-
L0384	NCI_CGAP_Pr23	prostate tumor	prostate			Bluescript SK-
L0385	NCI_CGAP_Gas1	gastric tumor	stomach			Bluescript SK-
L0386	NCI_CGAP_HN3	squamous cell carcinoma from base of tongue	tongue			Bluescript SK-
L0387	NCI_CGAP_GCB0	germinal center B-cells	tonsil			Bluescript SK-
L0388	NCI_CGAP_HN6	normal gingiva (cell line from immortalized kerati				Bluescript SK-
L0389	NCI_CGAP_HN5	normal gingiva (cell line from primary keratinocyt				Bluescript SK-
L0393	B, Human Liver tissue					gt11
L0394	H, Human adult Brain Cortex tissue					gt11
L0404	b4HB3MA Cot109+103+85-Bio					Lafmid A
L0407	b4HB3MA Cot18-Bio					Lafmid A
L0411	1-NIB					Lafmid BA
L0415	b4HB3MA Cot8-HAP-Ft					Lafmid BA
L0416	b4HB3MA-Cot0.38-HAP-B					Lafmid BA
L0418	b4HB3MA-Cot109+10-Bio					Lafmid BA
L0426	b4HB3MA-Cot51.5-HAP-Ft					Lafmid BA
L0427	b4HB3MA-FT20%-Biotin					Lafmid BA

L0428	Cot1374Ft-4HB3MA					Lafmid BA
L0429	Cot250Ft b4HB3MA					Lafmid BA
L0430	Cot250Ft-b4HB3MA					Lafmid BA
L0435	Infant brain, LLNL array of Dr. M. Soares 1NIB					lafmid BA
L0438	normalized infant brain cDNA	total brain	brain			lafmid BA
L0439	Soares infant brain 1NIB		whole brain			Lafmid BA
L0443	b4HB3MK					Lafmid BK
L0444	HB3MK					Lafmid BK
L0448	3HFLSK20					Lafmid K
L0451	N3HFLSK20					Lafmid K
L0454	Clontech adult human fat cell library HL1108A					lambda gt10
L0455	Human retina cDNA randomly primed sublibrary	retina	eye			lambda gt10
L0456	Human retina cDNA Tsp509I-cleaved sublibrary	retina	eye			lambda gt10
L0459	Adult heart, Clontech					Lambda gt11
L0460	Adult heart, Lambda gt11					Lambda gt11
L0462	WATM1					lambda gt11
L0465	TEST1, Human adult Testis tissue					lambda nm1149
L0467	Fetal heart, Lambda ZAP Express					Lambda ZAP
L0468	HE6W					lambda zap
L0469	T, Human adult Rhabdomyosarcoma cell-line					Lambda Zap
L0470	BL29 Burkitt's lymphoma, Pascalis Sideras					lambda ZAP 2
L0471	Human fetal heart, Lambda ZAP Express					Lambda ZAP Express
L0475	KG1-a Lambda Zap Express cDNA library			KG1-a		Lambda Zap Express (Stratagene)
L0476	Fetal brain, Stratagene					Lambda ZAP II
L0477	HPLA CCLee	placenta				Lambda ZAP II
L0480	Stratagene cat#937212 (1992)					Lambda ZAP, pBluescript SK(-)
L0481	CD34+DIRECTIONAL					Lambda ZAPII
L0482	HT29M6					Lambda ZAPII
L0483	Human pancreatic islet					Lambda ZAPII
L0485	STRATAGENE Human skeletal muscle cDNA library, cat. #936215.	skeletal muscle	leg muscle			Lambda ZAPII
L0493	NCL_CGAP_Ov26	papillary serous carcinoma	ovary			pAMP1
L0497	NCL_CGAP_HSC4	CD34+, CD38- from normal bone marrow donor	bone marrow			pAMP1
L0498	NCL_CGAP_HSC3	CD34+, T negative, patient with chronic	bone marrow			pAMP1

		myelogenous				
L0499	NCI_CGAP_HSC2	stem cell 34+/38+	bone marrow			pAMP1
L0500	NCI_CGAP_Brn20	oligodendroglioma	brain			pAMP1
L0501	NCI_CGAP_Brn21	oligodendroglioma	brain			pAMP1
L0502	NCI_CGAP_Br15	adenocarcinoma	breast			pAMP1
L0504	NCI_CGAP_Br13	breast carcinoma in situ	breast			pAMP1
L0505	NCI_CGAP_Br12	invasive carcinoma	breast			pAMP1
L0506	NCI_CGAP_Br16	lobular carcinoma in situ	breast			pAMP1
L0507	NCI_CGAP_Br14	normal epithelium	breast			pAMP1
L0508	NCI_CGAP_Lu25	bronchioalveolar carcinoma	lung			pAMP1
L0509	NCI_CGAP_Lu26	invasive adenocarcinoma	lung			pAMP1
L0510	NCI_CGAP_Ov33	borderline ovarian carcinoma	ovary			pAMP1
L0511	NCI_CGAP_Ov34	borderline ovarian carcinoma	ovary			pAMP1
L0512	NCI_CGAP_Ov36	borderline ovarian carcinoma	ovary			pAMP1
L0513	NCI_CGAP_Ov37	early stage papillary serous carcinoma	ovary			pAMP1
L0514	NCI_CGAP_Ov31	papillary serous carcinoma	ovary			pAMP1
L0515	NCI_CGAP_Ov32	papillary serous carcinoma	ovary			pAMP1
L0517	NCI_CGAP_Pr1					pAMP10
L0518	NCI_CGAP_Pr2					pAMP10
L0519	NCI_CGAP_Pr3					pAMP10
L0520	NCI_CGAP_Alv1	alveolar rhabdomyosarcoma				pAMP10
L0521	NCI_CGAP_Ew1	Ewing's sarcoma				pAMP10
L0522	NCI_CGAP_Kid1	kidney				pAMP10
L0523	NCI_CGAP_Lip2	liposarcoma				pAMP10
L0524	NCI_CGAP_Li1	liver				pAMP10
L0525	NCI_CGAP_Li2	liver				pAMP10
L0526	NCI_CGAP_Pr12	metastatic prostate bone lesion				pAMP10
L0527	NCI_CGAP_Ov2	ovary				pAMP10
L0528	NCI_CGAP_Pr5	prostate				pAMP10
L0529	NCI_CGAP_Pr6	prostate				pAMP10
L0530	NCI_CGAP_Pr8	prostate				pAMP10
L0531	NCI_CGAP_Pr20	prostate metastasis, liver				pAMP10
L0532	NCI_CGAP_Thy1	thyroid				pAMP10
L0533	NCI_CGAP_HSC1	stem cells	bone marrow			pAMP10
L0534	Chromosome 7 Fetal Brain cDNA Library	brain	brain			pAMP10
L0535	NCI_CGAP_Br5	infiltrating ductal carcinoma	breast			pAMP10
L0536	NCI_CGAP_Br4	normal ductal tissue	breast			pAMP10
L0537	NCI_CGAP_Ov6	normal cortical stroma	ovary			pAMP10
L0539	Chromosome 7 Placental cDNA Library		placenta			pAMP10
L0540	NCI_CGAP_Pr10	invasive prostate tumor	prostate			pAMP10
L0541	NCI_CGAP_Py7	low-grade prostatic neoplasia	prostate			pAMP10
L0542	NCI_CGAP_Pr11	normal prostatic epithelial cells	prostate			pAMP10

L0543	NCI_CGAP_Pr9	normal prostatic epithelial cells	prostate			pAMP10
L0544	NCI_CGAP_Pr4	prostatic intraepithelial neoplasia - high grade	prostate			pAMP10
L0545	NCI_CGAP_Pr4.1	prostatic intraepithelial neoplasia - high grade	prostate			pAMP10
L0546	NCI_CGAP_Pr18	stroma	prostate			pAMP10
L0547	NCI_CGAP_Pr16	tumor	prostate			pAMP10
L0549	NCI_CGAP_HN10	carcinoma in situ from retromolar trigone				pAMP10
L0550	NCI_CGAP_HN9	normal squamous epithelium from retromolar trigone				pAMP10
L0551	NCI_CGAP_HN7	normal squamous epithelium, floor of mouth				pAMP10
L0552	NCI_CGAP_HN8	well-differentiated invasive carcinoma, floor of m				pAMP10
L0554	NCI_CGAP_Li8		liver			pAMP10
L0555	NCI_CGAP_Lu34	large cell carcinoma	lung			pAMP10
L0557	NCI_CGAP_Lu21	small cell carcinoma	lung			pAMP10
L0558	NCI_CGAP_Ov40	endometrioid ovarian metastasis	ovary			pAMP10
L0559	NCI_CGAP_Ov39	papillary serous ovarian metastasis	ovary			pAMP10
L0560	NCI_CGAP_HN12	moderate to poorly differentiated invasive carcino	tongue			pAMP10
L0561	NCI_CGAP_HN11	normal squamous epithelium	tongue			pAMP10
L0562	Chromosome 7 HeLa cDNA Library			HeLa cell line; ATCC		pAMP10
L0563	Human Bone Marrow Stromal Fibroblast	bone marrow				pBluescript
L0564	Jia bone marrow stroma	bone marrow stroma				pBluescript
L0565	Normal Human Trabecular Bone Cells	Bone	Hip			pBluescript
L0581	Stratagene liver (#937224)		liver			pBluescript SK
L0583	Stratagene cDNA library Human fibroblast, cat#937212					pBluescript SK(+)
L0584	Stratagene cDNA library Human heart, cat#936208					pBluescript SK(+)
L0586	HTCDL1					pBluescript SK(-)
L0587	Stratagene colon HT29 (#937221)					pBluescript SK-
L0588	Stratagene endothelial cell 937223					pBluescript SK-
L0589	Stratagene fetal retina 937202					pBluescript SK-
L0590	Stratagene fibroblast (#937212)					pBluescript SK-
L0591	Stratagene HeLa cell s3 937216					pBluescript SK-

L0592	Stratagene hNT neuron (#937233)					pBluescript SK-
L0593	Stratagene neuroepithelium (#937231)					pBluescript SK-
L0594	Stratagene neuroepithelium NT2RAMI 937234					pBluescript SK-
L0595	Stratagene NT2 neuronal precursor 937230	neuroepithelial cells	brain			pBluescript SK-
L0596	Stratagene colon (#937204)		colon			pBluescript SK-
L0597	Stratagene corneal stroma (#937222)		cornea			pBluescript SK-
L0598	Morton Fetal Cochlea	cochlea	ear			pBluescript SK-
L0599	Stratagene lung (#937210)		lung			pBluescript SK-
L0600	Weizmann Olfactory Epithelium	olfactory epithelium	nose			pBluescript SK-
L0601	Stratagene pancreas (#937208)		pancreas			pBluescript SK-
L0602	Pancreatic Islet	pancreatic islet	pancreas			pBluescript SK-
L0603	Stratagene placenta (#937225)		placenta			pBluescript SK-
L0604	Stratagene muscle 937209	muscle	skeletal muscle			pBluescript SK-
L0605	Stratagene fetal spleen (#937205)	fetal spleen	spleen			pBluescript SK-
L0606	NCI_CGAP_Lym5	follicular lymphoma	lymph node			pBluescript SK-
L0607	NCI_CGAP_Lym6	mantle cell lymphoma	lymph node			pBluescript SK-
L0608	Stratagene lung carcinoma 937218	lung carcinoma	lung	NCI-H69		pBluescript SK-
L0609	Schiller astrocytoma	astrocytoma	brain			pBluescript SK- (Stratagene)
L0610	Schiller glioblastoma multiforme	glioblastoma multiforme	brain			pBluescript SK- (Stratagene)
L0611	Schiller meningioma	meningioma	brain			pBluescript SK- (Stratagene)
L0612	Schiller oligodendroglioma	oligodendroglioma	brain			pBluescript SK- (Stratagene)
L0615	22 week old human fetal liver cDNA library					pBluescriptII SK(-)
L0617	Chromosome 22 exon					pBluescriptII KS+
L0619	Chromosome 9 exon II					pBluescriptII KS+
L0622	HM1					pcDNAII (Invitrogen)
L0623	HM3	pectoral muscle (after mastectomy)				pcDNAII (Invitrogen)
L0626	NCI_CGAP_GC1	bulk germ cell seminoma				pCMV-SPORT2
L0627	NCI_CGAP_Co1	bulk tumor	colon			pCMV-SPORT2
L0628	NCI_CGAP_Ov1	ovary bulk tumor	ovary			pCMV-

						SPORT2
L0629	NCI_CGAP_Mel3	metastatic melanoma to bowel	bowel (skin primary)			pCMV-SPORT4
L0630	NCI_CGAP_CNS1	substantia nigra	brain			pCMV-SPORT4
L0631	NCI_CGAP_Br7		breast			pCMV-SPORT4
L0632	NCI_CGAP_Li5	hepatic adenoma	liver			pCMV-SPORT4
L0633	NCI_CGAP_Lu6	small cell carcinoma	lung			pCMV-SPORT4
L0634	NCI_CGAP_Ov8	serous adenocarcinoma	ovary			pCMV-SPORT4
L0635	NCI_CGAP_PNS1	dorsal root ganglion	peripheral nervous system			pCMV-SPORT4
L0636	NCI_CGAP_Pit1	four pooled pituitary adenomas	brain			pCMV-SPORT6
L0637	NCI_CGAP_Brn53	three pooled meningiomas	brain			pCMV-SPORT6
L0638	NCI_CGAP_Brn35	tumor, 5 pooled (see description)	brain			pCMV-SPORT6
L0639	NCI_CGAP_Brn52	tumor, 5 pooled (see description)	brain			pCMV-SPORT6
L0640	NCI_CGAP_Br18	four pooled high-grade tumors, including two prima	breast			pCMV-SPORT6
L0641	NCI_CGAP_Co17	juvenile granulosa tumor	colon			pCMV-SPORT6
L0642	NCI_CGAP_Co18	moderately differentiated adenocarcinoma	colon			pCMV-SPORT6
L0643	NCI_CGAP_Co19	moderately differentiated adenocarcinoma	colon			pCMV-SPORT6
L0644	NCI_CGAP_Co20	moderately differentiated adenocarcinoma	colon			pCMV-SPORT6
L0645	NCI_CGAP_Co21	moderately differentiated adenocarcinoma	colon			pCMV-SPORT6
L0646	NCI_CGAP_Co14	moderately-differentiated adenocarcinoma	colon			pCMV-SPORT6
L0647	NCI_CGAP_Sar4	five pooled sarcomas, including myxoid liposarcoma	connective tissue			pCMV-SPORT6
L0648	NCI_CGAP_Eso2	squamous cell carcinoma	esophagus			pCMV-SPORT6
L0649	NCI_CGAP_GU1	2 pooled high-grade transitional cell tumors	genitourinary tract			pCMV-SPORT6
L0650	NCI_CGAP_Kid13	2 pooled Wilms' tumors, one primary and one metast	kidney			pCMV-SPORT6
L0651	NCI_CGAP_Kid8	renal cell tumor	kidney			pCMV-SPORT6
L0652	NCI_CGAP_Lu27	four pooled poorly-differentiated adenocarcinomas	lung			pCMV-SPORT6
L0653	NCI_CGAP_Lu28	two pooled squamous cell carcinomas	lung			pCMV-SPORT6

L0654	NCI_CGAP_Lu31		lung, cell line			pCMV-SPORT6
L0655	NCI_CGAP_Lym12	lymphoma, follicular mixed small and large cell	lymph node			pCMV-SPORT6
L0656	NCI_CGAP_Ov38	normal epithelium	ovary			pCMV-SPORT6
L0657	NCI_CGAP_Ov23	tumor, 5 pooled (see description)	ovary			pCMV-SPORT6
L0658	NCI_CGAP_Ov35	tumor, 5 pooled (see description)	ovary			pCMV-SPORT6
L0659	NCI_CGAP_Pan1	adenocarcinoma	pancreas			pCMV-SPORT6
L0661	NCI_CGAP_Mel15	malignant melanoma, metastatic to lymph node	skin			pCMV-SPORT6
L0662	NCI_CGAP_Gas4	poorly differentiated adenocarcinoma with signet r	stomach			pCMV-SPORT6
L0663	NCI_CGAP_Ut2	moderately-differentiated endometrial adenocarcino	uterus			pCMV-SPORT6
L0664	NCI_CGAP_Ut3	poorly-differentiated endometrial adenocarcinoma,	uterus			pCMV-SPORT6
L0665	NCI_CGAP_Ut4	serous papillary carcinoma, high grade, 2 pooled t	uterus			pCMV-SPORT6
L0666	NCI_CGAP_Ut1	well-differentiated endometrial adenocarcinoma, 7	uterus			pCMV-SPORT6
L0667	NCI_CGAP_CML1	myeloid cells, 18 pooled CML cases, BCR/ABL rearra	whole blood			pCMV-SPORT6
L0669	Human MCF7 cDNA subtracted with MDA-MB-231 cDNA	breast adenocarcinoma	breast	MCF7		pCR II [Invitrogen]
L0684	Stanley Frontal SB pool 1	frontal lobe (see description)	brain			pCR2.1-TOPO (Invitrogen)
L0685	Stanley Frontal SN pool 1	frontal lobe (see description)	brain			pCR2.1-TOPO (Invitrogen)
L0686	Stanley Frontal SN pool 2	frontal lobe (see description)	brain			pCR2.1-TOPO (Invitrogen)
L0688	Stanley Hippocampus SB pool 1	hippocampus (see description)	brain			pCR2.1-TOPO (Invitrogen)
L0695	Human Glioblastoma Cell		Brain	BT-325		PCR II, Invitrogen
L0697	Testis 1					PGEM 5zf(+)
L0698	Testis 2					PGEM 5zf(+)
L0700	Outward Alu-primed hncDNA library					pGEM-3Z
L0717	Gessler Wilms tumor					pSPORT1
L0718	Testis 5					pSPORT1
L0719	human embryo cDNA library	Whole embryo				pSPORT1

L0731	Soares_pregnant_uterus_NbHPU		uterus			pT7T3-Pac
L0738	Human colorectal cancer					pT7T3D
L0740	Soares melanocyte 2NbHM	melanocyte				pT7T3D (Pharmacia) with a modified polylinker
L0741	Soares adult brain N2b4HB55Y		brain			pT7T3D (Pharmacia) with a modified polylinker
L0742	Soares adult brain N2b5HB55Y		brain			pT7T3D (Pharmacia) with a modified polylinker
L0743	Soares breast 2NbHBst		breast			pT7T3D (Pharmacia) with a modified polylinker
L0744	Soares breast 3NbHBst		breast			pT7T3D (Pharmacia) with a modified polylinker
L0745	Soares retina N2b4HR	retina	eye			pT7T3D (Pharmacia) with a modified polylinker
L0746	Soares retina N2b5HR	retina	eye			pT7T3D (Pharmacia) with a modified polylinker
L0747	Soares_fetal_heart_NbHH 19W		heart			pT7T3D (Pharmacia) with a modified polylinker
L0748	Soares fetal liver spleen 1NFLS		Liver and Spleen			pT7T3D (Pharmacia) with a modified polylinker
L0749	Soares_fetal_liver_spleen_1NFLS_S1		Liver and Spleen			pT7T3D (Pharmacia) with a modified polylinker
L0750	Soares_fetal_lung_NbHL1 9W		lung			pT7T3D (Pharmacia) with a modified polylinker
L0751	Soares ovary tumor NbHOT	ovarian tumor	ovary			pT7T3D (Pharmacia) with a modified polylinker
L0752	Soares_parathyroid_tumor	parathyroid tumor	parathyroid			pT7T3D

	_NbHPA		gland			(Pharmacia) with a modified polylinker
L0753	Soares_pineal_gland_N3H PG		pineal gland			pT7T3D (Pharmacia) with a modified polylinker
L0754	Soares_placenta_Nb2HP		placenta			pT7T3D (Pharmacia) with a modified polylinker
L0755	Soares_placenta_8to9wee ks_2NbHP8to9W		placenta			pT7T3D (Pharmacia) with a modified polylinker
L0756	Soares_multiple_sclerosis _2NbHMSP	multiple sclerosis lesions				pT7T3D (Pharmacia) with a modified polylinker V_TYPE
L0757	Soares_senescent_fibrobla sts_NbHSF	senescent fibroblast				pT7T3D (Pharmacia) with a modified polylinker V_TYPE
L0758	Soares_testis_NHT					pT7T3D-Pac (Pharmacia) with a modified polylinker
L0759	Soares_total_fetus_Nb2H F8_9w.					pT7T3D-Pac (Pharmacia) with a modified polylinker
L0760	Barstead aorta HPLRB3	aorta				pT7T3D-Pac (Pharmacia) with a modified polylinker
L0761	NCI_CGAP_CLL1	B-cell, chronic lymphocytic leukemia				pT7T3D-Pac (Pharmacia) with a modified polylinker
L0762	NCI_CGAP_Br1.1	breast				pT7T3D-Pac (Pharmacia) with a modified polylinker
L0763	NCI_CGAP_Br2	breast				pT7T3D-Pac (Pharmacia) with a modified polylinker
L0764	NCI_CGAP_Co3	colon				pT7T3D-Pac (Pharmacia) with a

						modified polylinker
L0765	NCI_CGAP_Co4	colon				pT7T3D-Pac (Pharmacia) with a modified polylinker
L0766	NCI_CGAP_GCB1	germinal center B cell				pT7T3D-Pac (Pharmacia) with a modified polylinker
L0767	NCI_CGAP_GC3	pooled germ cell tumors				pT7T3D-Pac (Pharmacia) with a modified polylinker
L0768	NCI_CGAP_GC4	pooled germ cell tumors				pT7T3D-Pac (Pharmacia) with a modified polylinker
L0769	NCI_CGAP_Brn25	anaplastic oligodendroglioma	brain			pT7T3D-Pac (Pharmacia) with a modified polylinker
L0770	NCI_CGAP_Brn23	glioblastoma (pooled)	brain			pT7T3D-Pac (Pharmacia) with a modified polylinker
L0771	NCI_CGAP_Co8	adenocarcinoma	colon			pT7T3D-Pac (Pharmacia) with a modified polylinker
L0772	NCI_CGAP_Co10	colon tumor RER+	colon			pT7T3D-Pac (Pharmacia) with a modified polylinker
L0773	NCI_CGAP_Co9	colon tumor RER+	colon			pT7T3D-Pac (Pharmacia) with a modified polylinker
L0774	NCI_CGAP_Kid3		kidney			pT7T3D-Pac (Pharmacia) with a modified polylinker
L0775	NCI_CGAP_Kid5	2 pooled tumors (clear cell type)	kidney			pT7T3D-Pac (Pharmacia) with a modified polylinker
L0776	NCI_CGAP_Lu5	carcinoid	lung			pT7T3D-Pac (Pharmacia) with a modified polylinker
L0777	Soares_NhHMPu_S1	Pooled human melanocyte, fetal	mixed (see below)			pT7T3D-Pac (Pharmacia)

		heart, and pregnant				with a modified polylinker
L0778	Barstead pancreas HPLRB1		pancreas			pT7T3D-Pac (Pharmacia) with a modified polylinker
L0779	Soares_NFL_T_GBC_S1		pooled			pT7T3D-Pac (Pharmacia) with a modified polylinker
L0780	Soares_NSF_F8_9W_OT_PA_P_S1		pooled			pT7T3D-Pac (Pharmacia) with a modified polylinker
L0782	NCI_CGAP_Pr21	normal prostate	prostate			pT7T3D-Pac (Pharmacia) with a modified polylinker
L0783	NCI_CGAP_Pr22	normal prostate	prostate			pT7T3D-Pac (Pharmacia) with a modified polylinker
L0784	NCI_CGAP_Lei2	leiomyosarcoma	soft tissue			pT7T3D-Pac (Pharmacia) with a modified polylinker
L0785	Barstead spleen HPLRB2		spleen			pT7T3D-Pac (Pharmacia) with a modified polylinker
L0786	Soares_NbHFB		whole brain			pT7T3D-Pac (Pharmacia) with a modified polylinker
L0787	NCI_CGAP_Sub1					pT7T3D-Pac (Pharmacia) with a modified polylinker
L0788	NCI_CGAP_Sub2					pT7T3D-Pac (Pharmacia) with a modified polylinker
L0789	NCI_CGAP_Sub3					pT7T3D-Pac (Pharmacia) with a modified polylinker
L0790	NCI_CGAP_Sub4					pT7T3D-Pac (Pharmacia) with a modified polylinker
L0791	NCI_CGAP_Sub5					pT7T3D-Pac

						(Pharmacia) with a modified polylinker
L0792	NCI_CGAP_Sub6					pT7T3D-Pac (Pharmacia) with a modified polylinker
L0793	NCI_CGAP_Sub7					pT7T3D-Pac (Pharmacia) with a modified polylinker
L0794	NCI_CGAP_GC6	pooled germ cell tumors				pT7T3D-Pac (Pharmacia) with a modified polylinker
L0796	NCI_CGAP_Brn50	medulloblastoma	brain			pT7T3D-Pac (Pharmacia) with a modified polylinker
L0800	NCI_CGAP_Co16	colon tumor, RER+	colon			pT7T3D-Pac (Pharmacia) with a modified polylinker
L0803	NCI_CGAP_Kid11		kidney			pT7T3D-Pac (Pharmacia) with a modified polylinker
L0804	NCI_CGAP_Kid12	2 pooled tumors (clear cell type)	kidney			pT7T3D-Pac (Pharmacia) with a modified polylinker
L0805	NCI_CGAP_Lu24	carcinoid	lung			pT7T3D-Pac (Pharmacia) with a modified polylinker
L0806	NCI_CGAP_Lu19	squamous cell carcinoma, poorly differentiated (4	lung			pT7T3D-Pac (Pharmacia) with a modified polylinker
L0807	NCI_CGAP_Ov18	fibrotheoma	ovary			pT7T3D-Pac (Pharmacia) with a modified polylinker
L0808	Barstead prostate BPH HPLRB4 1		prostate			pT7T3D-Pac (Pharmacia) with a modified polylinker
L0809	NCI_CGAP_Pr28		prostate			pT7T3D-Pac (Pharmacia) with a modified polylinker

L0811	BATM2					PTZ18
L2244	Human Fetal Brain+Liver+Heart		Brain, Liver, Heart			pUC19
L2250	Human cerebral cortex	cerebral cortex				
L2251	Human fetal lung	Fetal lung				
L2269	NCI_CGAP_Thy11	follicular carcinoma	thyroid			pAMP10
L3872	NCI_CGAP_Skn1		skin, normal, 4 pooled sa			pCMV-SPORT6
L3904	NCI_CGAP_Brn64	glioblastoma with EGFR amplification	brain			pCMV-SPORT6
L3905	NCI_CGAP_Brn67	anaplastic oligodendroglioma with 1p/19q loss	brain			pCMV-SPORT6
L4497	NCI_CGAP_Br22	invasive ductal carcinoma, 3 pooled samples	breast			pCMV-SPORT6
L4500	NCI_CGAP_HN16	moderate to poorly differentiated invasive carcino	mouth			pAMP10
L4501	NCI_CGAP_Sub8					pT7T3D-Pac (Pharmacia) with a modified polylinker
L4507	NCI_CGAP_Thy6	normal epithelium	thyroid			pAMP10
L4508	NCI_CGAP_Thy8	normal epithelium	thyroid			pAMP10
L4556	NCI_CGAP_HN13	squamous cell carcinoma	tongue			pCMV-SPORT6
L4559	NCI_CGAP_Thy3	follicular carcinoma	thyroid			pCMV-SPORT6
L4669	NCI_CGAP_Ov41	serous papillary tumor	ovary			pCMV-SPORT6
L4747	NCI_CGAP_Brn41	oligodendroglioma	brain			pT7T3D-Pac (Pharmacia) with a modified polylinker
L5286	NCI_CGAP_Thy10	medullary carcinoma	thyroid			pAMP10
L5564	NCI_CGAP_HN20		normal head/neck tissue			pAMP1
L5565	NCI_CGAP_Brn66	glioblastoma with probably TP53 mutation and witho	brain			pCMV-SPORT6
L5566	NCI_CGAP_Brn70	anaplastic oligodendroglioma	brain			pCMV-SPORT6.ccd b
L5568	NCI_CGAP_HN21	nasopharyngeal carcinoma	head/neck			pAMP1
L5569	NCI_CGAP_HN17	normal epithelium	nasopharynx			pAMP10
L5574	NCI_CGAP_HN19	normal epithelium	nasopharynx			pAMP10
L5575	NCI_CGAP_Brn65	glioblastoma without EGFR amplification	brain			pCMV-SPORT6
L5622	NCI_CGAP_Skn3		skin			pCMV-SPORT6
L5623	NCI_CGAP_Skn4	squamous cell carcinoma	skin			pCMV-SPORT6

TABLE 5

OMIM Reference	Description
100710	Myasthenic syndrome, slow-channel congenital, 601462
102200	Somatotrophinoma
102540	Cardiomyopathy, idiopathic dilated
102770	Myoadenylate deaminase deficiency
103000	Hemolytic anemia due to adenylate kinase deficiency
103050	Autism, succinylpurinemic
103050	Adenylosuccinase deficiency
103581	Albright hereditary osteodystrophy-2
103600	[Dysalbuminemic hyperthyroxinemia]
103600	[Dysalbuminemic hyperzincemia], 194470
103600	Analbuminemia
103850	Aldolase A deficiency
104150	[AFP deficiency, congenital]
104150	[Hereditary persistence of alpha-fetoprotein]
104311	Alzheimer disease-3
104500	Amelogenesis imperfecta-2, hypoplastic local type
104770	Amyloidosis, secondary, susceptibility to
106100	Angioedema, hereditary
106165	Hypertension, essential, 145500
106180	Myocardial infarction, susceptibility to
106300	Ankylosing spondylitis
107280	Cerebrovascular disease, occlusive
107280	Alpha-1-antichymotrypsin deficiency
107300	Antithrombin III deficiency
107400	Emphysema
107400	Emphysema-cirrhosis
107470	Atypical mycobacterial infection, familial disseminated, 209950
107470	BCG infection, generalized familial
107470	Tuberculosis, susceptibility to
107670	Apolipoprotein A-II deficiency
107741	Hyperlipoproteinemia, type III
107777	Diabetes insipidus, nephrogenic, autosomal recessive, 222000
108725	Atherosclerosis, susceptibility to
108730	Brody myopathy, 601003
108800	Atrial septal defect, secundum type
108962	Hypertension, salt-resistant
109150	Machado-Joseph disease
109270	Renal tubular acidosis, distal, 179800
109270	Spherocytosis, hereditary
109270	[Acanthocytosis, one form]
109270	[Elliptocytosis, Malaysian-Melanesian type]
109270	Hemolytic anemia due to band 3 defect
109560	Leukemia/lymphoma, B-cell, 3

110700	Vivax malaria, susceptibility to
112410	Hypertension with brachydactyly
113520	Hyperleucinemia-isoleucinemia or hypervalinemia
113900	Heart block, progressive familial, type I
114240	Muscular dystrophy, limb-girdle, type 2A, 253600
114350	Leukemia, acute myeloid
114835	Monocyte carboxyesterase deficiency
115660	Cataract, cerulean, type 1
116806	Colorectal cancer
117700	[Hypoceruloplasminemia, hereditary]
117700	Hemosiderosis, systemic, due to aceruloplasminemia
118210	Charcot-Marie-Tooth neuropathy-2A
118425	Myotonia congenita, dominant, 160800
118425	Myotonia congenita, recessive, 255700
118425	Myotonia levior, recessive
118511	Schizophrenia, neurophysiologic defect in
120110	Metaphyseal chondrodysplasia, Schmid type
120120	Epidermolysis bullosa dystrophica, dominant, 131750
120120	Epidermolysis bullosa dystrophica, recessive, 226600
120120	Epidermolysis bullosa, pretibial, 131850
120150	Osteogenesis imperfecta, 4 clinical forms, 166200, 166210, 259420, 166220
120150	Osteoporosis, idiopathic, 166710
120150	Ehlers-Danlos syndrome, type VIIA1, 130060
120160	Osteogenesis imperfecta, 4 clinical forms, 166200, 166210, 259420, 166220
120160	Osteoporosis, idiopathic, 166710
120160	Ehlers-Danlos syndrome, type VIIA2, 130060
120160	Marfan syndrome, atypical
120220	Bethlem myopathy, 158810
120240	Bethlem myopathy, 158810
120290	OSMED syndrome, 215150
120290	Stickler syndrome, type II, 184840
120435	Muir-Torre syndrome, 158320
120435	Colorectal cancer, hereditary, nonpolyposis, type 1 Ovarian cancer
120436	Muir-Torre family cancer syndrome, 158320
120436	Turcot syndrome with glioblastoma, 276300
120436	Colorectal cancer, hereditary nonpolyposis, type 2
120550	C1q deficiency, type A
120570	C1q deficiency, type B
120575	C1q deficiency, type C
120700	C3 deficiency
120810	C4 deficiency
120820	C4 deficiency
120900	C5 deficiency
120950	C8 deficiency, type I
120960	C8 deficiency, type II

121011	Deafness, autosomal dominant 3, 601544
121011	Deafness, autosomal recessive 1, 220290
121014	Heterotaxia, viscerotaxial, autosomal recessive
121050	Contractural arachnodactyly, congenital
121360	Myeloid leukemia, acute, M4Eo subtype
121800	Corneal dystrophy, crystalline, Schnyder
122500	[Transcortin deficiency]
122720	Nicotine addiction, protection from
122720	Coumarin resistance, 122700
123000	Craniometaphyseal dysplasia
123580	Cataract, congenital, autosomal dominant
123940	White sponge nevus, 193900
124030	Parkinsonism, susceptibility to
124030	Debrisoquine sensitivity
124080	CMO II deficiency
125490	Dentinogenesis imperfecta-1
126150	Diphtheria, susceptibility to
126340	Xeroderma pigmentosum, group D, 278730
126391	DNA ligase I deficiency
126600	Drusen, radial, autosomal dominant
126650	Chloride diarrhea, congenital, Finnish type, 214700
126650	Colon cancer
129010	Neuropathy, congenital hypomyelinating, 1
129500	Ectodermal dysplasia, hidrotic
129900	EEC syndrome-1
130410	Glutaricaciduria, type IIB
130500	Elliptocytosis-1
131100	Multiple endocrine neoplasia I
131100	Prolactinoma, hyperparathyroidism, carcinoid syndrome
131100	Carcinoid tumor of lung
131195	Hereditary hemorrhagic telangiectasia-1, 187300
131210	Atherosclerosis, susceptibility to
131400	Eosinophilia, familial
132700	Cylindromatosis
133171	[Erythrocytosis, familial], 133100
133200	Erythrokeratoderma variabilis
133780	Vitreoretinopathy, exudative, familial
134570	Factor XIII A deficiency
134580	Factor XIII B deficiency
134790	Hyperferritinemia-cataract syndrome, 600886
135300	Fibromatosis, gingival
135700	Fibrosis of extraocular muscles, congenital, 1
135940	Ichthyosis vulgaris, 146700
136132	[Fish-odor syndrome], 602079
136350	Pfeiffer syndrome, 101600
136435	Ovarian dysgenesis, hypergonadotropic, with normal karyotype,

	233300
136533	Rhabdomyosarcoma, alveolar, 268220
136550	Macular dystrophy, North Carolina type
136836	Fucosyltransferase-6 deficiency
138040	Cortisol resistance
138140	Glucose transport defect, blood-brain barrier
138320	Hemolytic anemia due to glutathione peroxidase deficiency
138570	Non-insulin dependent diabetes mellitus, susceptibility to
138700	[Apolipoprotein H deficiency]
138971	Kostmann neutropenia, 202700
138981	Pulmonary alveolar proteinosis, 265120
139250	Isolated growth hormone deficiency, Illig type with absent GH and Kowarski type with bioinactive GH
139350	Epidermolytic hyperkeratosis, 113800
139350	Keratoderma, palmoplantar, nonepidermolytic
142335	Hereditary persistence of fetal hemoglobin, heterocellular, Indian type
142470	[Hereditary persistence of fetal hemoglobin, heterocellular]
142857	Pemphigoid, susceptibility to
142858	Beryllium disease, chronic, susceptibility to
143890	Hypercholesterolemia, familial
145001	Hyperparathyroidism-jaw tumor syndrome
145260	Pseudohypoaldosteronism, type II
145981	Hypocalciuric hypercalcemia, type II
146150	Hypomelanosis of Ito
146150	Hypomelanosis of Ito
146760	[IgG receptor I, phagocytic, familial deficiency of]
146790	Lupus nephritis, susceptibility to
147050	Atopy
147061	Allergy and asthma susceptibility
147141	Leukemia, acute lymphoblastic
147200	[Kappa light chain deficiency]
147575	Myelodysplastic syndrome, preleukemic
147575	Myelogenous leukemia, acute
147575	Macrocytic anemia refractory, of 5q- syndrome, 153550
147670	Rabson-Mendenhall syndrome
147670	Diabetes mellitus, insulin-resistant, with acanthosis nigricans
147670	Leprechaunism
147781	Atopy, susceptibility to
148040	Epidermolysis bullosa simplex, Koebner, Dowling-Meara, and Weber-Cockayne types, 131900, 131760, 131800
148041	Pachyonychia congenita, Jadassohn-Lewandowsky type, 167200
148043	Meesmann corneal dystrophy, 122100
148065	White sponge nevus, 193900
148070	Liver disease, susceptibility to, from hepatotoxins or viruses
148080	Epidermolytic hyperkeratosis, 113800
148370	Keratolytic winter erythema

148500	Tylosis with esophageal cancer
150200	[Placental lactogen deficiency]
150210	Lactoferrin-deficient neutrophils, 245480
150270	Laryngeal adductor paralysis
150292	Epidermolysis bullosa, Herlitz junctional type, 226700
151385	Leukemia, acute myeloid
151440	Leukemia, T-cell acute lymphoblastoid
151670	Hepatic lipase deficiency
152427	Long QT syndrome-2
152445	Vohwinkel syndrome, 124500
152445	Erythrokeratoderma, progressive symmetric, 602036
152760	Hypogonadotropic hypogonadism due to GNRH deficiency, 227200
152790	Precocious puberty, male, 176410
152790	Leydig cell hypoplasia
153454	Ehlers-Danlos syndrome, type VI, 225400
153455	Cutis laxa, recessive, type I, 219100
153700	Macular dystrophy, vitelliform type
153900	Stargardt disease-2
154275	Malignant hyperthermia susceptibility 2
154276	Malignant hyperthermia susceptibility 3
154545	Chronic infections, due to opsonin defect
154705	Marfan syndrome, type II
156225	Muscular dystrophy, congenital merosin-deficient
156600	Microcoria, congenital
157170	Holoprosencephaly-2
157640	PEO with mitochondrial DNA deletions, type 1
159000	Muscular dystrophy, limb-girdle, type 1A
159001	Muscular dystrophy, limb-girdle, type 1B
159440	Charcot-Marie-Tooth neuropathy-1B, 118200
159440	Dejerine-Sottas disease, myelin P-related, 145900
159440	Hypomyelination, congenital
160900	Myotonic dystrophy
161015	Mitochondrial complex I deficiency, 252010
162100	Neuralgic amyotrophy with predilection for brachial plexus
162400	Neuropathy, hereditary sensory and autonomic, type 1
163729	Hypertension, pregnancy-induced
164009	Leukemia, acute promyelocytic, NUMA/RARA type
164200	Oculodentodigital dysplasia
164200	Syndactyly, type III, 186100
164731	Ovarian carcinoma, 167000
164761	Multiple endocrine neoplasia IIA, 171400
164761	Multiple endocrine neoplasia IIB, 162300
164761	Hirschsprung disease, 142623
164761	Medullary thyroid carcinoma, 155240
164860	Renal cell carcinoma, papillary, familial and sporadic
164953	Liposarcoma

166800	Otosclerosis
167250	Paget disease of bone
167410	Rhabdomyosarcoma, alveolar, 268220
168360	Paraneoplastic sensory neuropathy
168461	Multiple myeloma, 254250
168461	Parathyroid adenomatosis 1
168461	Centrocytic lymphoma
168468	Metaphyseal chondrodysplasia, Murk Jansen type, 156400
168470	Humoral hypercalcemia of malignancy
169600	Hailey-Hailey disease
170261	Bare lymphocyte syndrome, type I, due to TAP2 deficiency
170500	Myotonia congenita, atypical acetazolamide-responsive
170500	Paramyotonia congenita, 168300
170500	Hyperkalemic periodic paralysis
170650	Periodontitis, juvenile
171190	Hypertension, essential, 145500
171760	Hypophosphatasia, adult, 146300
171760	Hypophosphatasia, infantile, 241500
171860	Hemolytic anemia due to phosphofructokinase deficiency
172400	Hemolytic anemia due to glucosephosphate isomerase deficiency
172400	Hydrops fetalis, one form
172411	Colorectal cancer, resistance to
172471	Glycogenosis, hepatic, autosomal
172490	Phosphorylase kinase deficiency of liver and muscle, 261750
173360	Thrombophilia due to excessive plasminogen activator inhibitor
173360	Hemorrhagic diathesis due to PAI1 deficiency
173610	Platelet alpha/delta storage pool deficiency
173850	Polio, susceptibility to
174000	Medullary cystic kidney disease, AD
174900	Polyposis, juvenile intestinal
176100	Porphyria cutanea tarda
176100	Porphyria, hepatoerythropoietic
176450	Sacral agenesis-1
176960	Pituitary tumor, invasive
177900	Psoriasis susceptibility-1
178300	Ptoxis, hereditary congenital, 1
178640	Pulmonary alveolar proteinosis, congenital, 265120
179095	Male infertility
179450	Ragweed sensitivity
179605	Retinitis pigmentosa, digenic
179605	Retinitis pigmentosa-7, peripherin-related
179605	Retinitis punctata albescens
179605	Butterfly dystrophy, retinal
179605	Macular dystrophy
179755	Renal cell carcinoma, papillary, 1
180069	Retinal dystrophy, autosomal recessive, childhood-onset

180069	Retinitis pigmentosa-20
180069	Leber congenital amaurosis-2, 204100
180090	Retinitis pigmentosa, autosomal recessive
180100	Retinitis pigmentosa-1
180105	Retinitis pigmentosa-10
180200	Osteosarcoma, 259500
180200	Pinealoma with bilateral retinoblastoma
180200	Retinoblastoma
180200	Bladder cancer, 109800
180250	Retinol binding protein, deficiency of
180297	Anemia, hemolytic, Rh-null, suppressor type, 268150
180380	Night blindness, congenital stationery, rhodopsin-related
180380	Retinitis pigmentosa, autosomal recessive
180380	Retinitis pigmentosa-4, autosomal dominant
180381	Oguchi disease-2, 258100
180721	Retinitis pigmentosa, digenic
180840	Susceptibility to IDDM
180901	Malignant hyperthermia susceptibility 1, 145600
180901	Central core disease, 117000
181460	Schistosoma mansoni, susceptibility/resistance to
182280	Small-cell cancer of lung
182290	Smith-Magenis syndrome
182380	Glucose/galactose malabsorption
182381	Renal glucosuria, 253100
182452	Lung cancer, small cell
182600	Spastic paraplegia-3A
182601	Spastic paraplegia-4
182860	Pyropoikilocytosis
182860	Spherocytosis, recessive
182860	Elliptocytosis-2
182900	Spherocytosis-2
183600	Split hand/foot malformation, type 1
185000	Stomatocytosis I
185470	Myopathy due to succinate dehydrogenase deficiency
185800	Symphalangism, proximal
186580	Arthrocutaneouveal granulomatosis
186770	Leukemia, T-cell acute lymphocytic
186780	CD3, zeta chain, deficiency
186880	Leukemia/lymphoma, T-cell
186940	[CD4(+) lymphocyte deficiency]
186940	Lupus erythematosus, susceptibility to
186960	Leukemia/lymphoma, T-cell
187040	Leukemia-1, T-cell acute lymphoblastic
188070	Bleeding disorder due to defective thromboxane A2 receptor
188540	Hypothyroidism, nongoitrous
188550	Thyroid papillary carcinoma

188826	Sorsby fundus dystrophy, 136900
189980	Leukemia, chronic myeloid
190000	Atransferrinemia
190040	Dermatofibrosarcoma protuberans
190040	Giant-cell fibroblastoma
190040	Meningioma, SIS-related
190195	Ichthyosiform erythroderma, congenital, 242100
190195	Ichthyosis, lamellar, autosomal recessive, 242300
190605	Triphalangeal thumb-polysyndactyly syndrome
190685	Down syndrome
191030	Nemaline myopathy-1, 161800
191170	Colorectal cancer, 114500
191170	Li-Fraumeni syndrome
191181	Cervical carcinoma
191315	Insensitivity to pain, congenital, with anhidrosis, 256800
192340	Diabetes insipidus, neurohypophyseal, 125700
192974	Neonatal alloimmune thrombocytopenia
192974	Glycoprotein Ia deficiency
193235	Vitreoretinopathy, neovascular inflammatory
200990	Acrocallosal syndrome
201450	Acyl-CoA dehydrogenase, medium chain, deficiency of
201475	VLCAD deficiency
201910	Adrenal hyperplasia, congenital, due to 21-hydroxylase deficiency
202010	Adrenal hyperplasia, congenital, due to 11-beta-hydroxylase deficiency
202010	Aldosteronism, glucocorticoid-remediable
203310	Ocular albinism, autosomal recessive
203500	Alkaptonuria
203800	Alstrom syndrome
205900	Anemia, Diamond-Blackfan
207750	Hyperlipoproteinemia, type Ib
208250	Jacobs syndrome
209901	Bardet-Biedl syndrome 1
210900	Bloom syndrome
214400	Charcot-Marie-Tooth neuropathy-4A
216900	Achromatopsia
217000	C2 deficiency
217800	Macular corneal dystrophy
218000	Andermann syndrome
218030	Apparent mineralocorticoid excess, hypertension due to
221770	Polycystic lipomembranous osteodysplasia with sclerosing leukencephalopathy
221820	Gliososis, familial progressive subcortical
222100	Diabetes mellitus, insulin-dependent-1
222700	Lysinuric protein intolerance
222800	Hemolytic anemia due to bisphosphoglycerate mutase deficiency
222900	Sucrose intolerance

223900	Dysautonomia, familial
224120	Dyserythropoietic anemia, congenital, type I
226450	Epidermolysis bullosa inversa, junctional
227220	[Eye color, brown]
227500	Factor VII deficiency
227600	Factor X deficiency
227645	Fanconi anemia, type C
227646	Fanconi anemia, type D
229700	Fructose-bisphosphatase deficiency
230000	Fucosidosis
230200	Galactokinase deficiency with cataracts
230350	Galactose epimerase deficiency
230450	Hemolytic anemia due to gamma-glutamylcysteine synthetase deficiency
230800	Gaucher disease
230800	Gaucher disease with cardiovascular calcification
231550	Achalasia-addisonianism-alacrimia syndrome
231670	Glutaricaciduria, type I
232000	Propionicacidemia, type I or pccA type
232050	Propionicacidemia, type II or pccB type
232600	McArdle disease
233100	[Renal glucosuria]
234200	Neurodegeneration with brain iron accumulation
235200	Hemochromatosis
236100	Holoprosencephaly-1
236200	Homocystinuria, B6-responsive and nonresponsive types
236250	Homocystinuria due to MTHFR deficiency
236730	Urofacial syndrome
238970	HHH syndrome
240300	Autoimmune polyglandular disease, type I
243500	Isovalericacidemia
245200	Krabbe disease
246900	Lipoamide dehydrogenase deficiency
248600	Maple syrup urine disease, type Ia
248610	Maple syrup urine disease, type II
248611	Maple syrup urine disease, type Ib
249000	Meckel syndrome
250100	Metachromatic leukodystrophy
250800	Methemoglobinemia, type I
250800	Methemoglobinemia, type II
253250	Mulibrey nanism
253700	Muscular dystrophy, limb-girdle, type 2C
253800	Walker-Warburg syndrome, 236670
253800	Fukuyama type congenital muscular dystrophy
254770	Epilepsy, juvenile myoclonic
255800	Schwartz-Jampel syndrome

256550	Sialidosis, type I
256550	Sialidosis, type II
256700	Neuroblastoma
256731	Ceroid-lipofuscinosis, neuronal-5, variant late infantile
256850	Giant axonal neuropathy-1
258501	3-methylglutaconicaciduria, type III
259700	Osteopetrosis, recessive
259770	Osteoporosis-pseudoglioma syndrome
263200	Polycystic kidney disease, autosomal recessive
264800	Pseudoxanthoma elasticum
266150	Pyruvate carboxylase deficiency
266200	Anemia, hemolytic, due to PK deficiency
266600	Inflammatory bowel disease-1
267750	Knobloch syndrome
268900	[Sarcosinemia]
269920	Salla disease
270200	Sjogren-Larsson syndrome
271245	Spinocerebellar ataxia-8, infantile, with sensory neuropathy
274600	Pendred syndrome
274600	Deafness, autosomal recessive 4
276000	Pancreatitis, hereditary, 167800
276000	Trypsinogen deficiency
276902	Usher syndrome, type 3
276903	Usher syndrome, type 1B
276903	Deafness, autosomal dominant 11, neurosensory, 601317
276903	Deafness, autosomal recessive 2, neurosensory, 600060
277700	Werner syndrome
277900	Wilson disease
278000	Wolman disease
278000	Cholesteryl ester storage disease
278300	Xanthinuria, type I
278700	Xeroderma pigmentosum, group A
278760	Xeroderma pigmentosum, group F
300018	Pseudohermaphroditism, male
300037	Simpson dysmorphia syndrome, 312870
300046	Mental retardation, X-linked 23, nonspecific
300047	Mental retardation, X-linked 20
300062	Mental retardation, X-linked 14
300067	Subcortical laminar heterotopia, X-linked dominant
300067	Lissencephaly, X-linked
300071	Night blindness, congenital stationary, type 2
300075	Coffin-Lowry syndrome, 303600
300076	Wood neuroimmunologic syndrome
300077	Mental retardation, X-linked 29
300110	Night blindness, congenital stationary, X-linked incomplete, 300071
300121	Subcortical laminar heterotopia, X-linked, 300067

300121	Lissencephaly, X-linked, 300067
300123	Mental retardation with isolated growth hormone deficiency
300200	Adrenal hypoplasia, congenital, with hypogonadotropic hypogonadism
300600	Ocular albinism, Forsius-Eriksson type
301000	Thrombocytopenia, X-linked, 313900
301000	Wiskott-Aldrich syndrome
301200	Amelogenesis imperfecta
301201	Amelogenesis imperfecta-3, hypoplastic type
301220	Partington syndrome II
301830	Arthrogryposis, X-linked (spinal muscular atrophy, infantile, X-linked)
301835	Arts syndrome
301845	Bazex syndrome
301900	Borjeson-Forssman-Lehmann syndrome
302350	Nance-Horan syndrome
303100	Choroideremia
304020	Cone dystrophy, progressive X-linked, 1
304340	Mental retardation, X-linked, syndromic-5, with Dandy-Walker malformation, basal ganglia disease, and seizures
305450	FG syndrome
306000	Glycogenosis, X-linked hepatic, type I
306000	Glycogenosis, X-linked hepatic, type II
306100	Gonadal dysgenesis, XY female type
307030	Glycerol kinase deficiency
307150	Hypertrichosis, congenital generalized
307700	Hypoparathyroidism, X-linked
307800	Hypophosphatemia, hereditary
308000	HPRT-related gout
308000	Lesch-Nyhan syndrome
308230	Immunodeficiency, X-linked, with hyper-IgM
308240	Lymphoproliferative syndrome, X-linked
309470	Mental retardation, X-linked, syndromic-3, with spastic diplegia
309500	Renpenning syndrome-1
309510	Mental retardation, X-linked, syndromic-1, with dystonic movements, ataxia, and seizures
309555	Gustavson syndrome
309585	Mental retardation, X-linked, syndromic-6, with gynecomastia and obesity
309605	Mental retardation, X-linked, syndromic-4, with congenital contractures and low fingertip arches
309610	Mental retardation, X-linked, syndromic-2, with dysmorphism and cerebral atrophy
309850	Brunner syndrome
310490	Cowchock syndrome
310500	Night blindness, congenital stationary, type 1
310600	Norrie disease